



Department of Trade and Development

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Review

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Trade and Development Minister Stanley J. Randall.

Year of the Automobile

Ontario's economic activity picked up sharply in 1968, with major increases in production, productivity, exports, profits, employment, investment and income. The economy grew by 8.7 per cent to reach a record \$27,100,000,000 in total goods and services produced. Canada's richest, most populous, most nearly self-sufficient province, Ontario now accounts for 53 per cent of the nation's manufactured goods and some 80 per cent of its fully manufactured exports.

The 1968 Ontario Industrial Review summarizes new and continuing programs by the Department of Trade and Development to expand secondary manufacturing and exports, stimulate orderly industrial growth in all areas of the province and ensure job opportunities.

During the year the province gained 153 new manufacturing plants, and 426 plants expanded. Representing more than \$448,000,000 investment, these new and expanded plants provided an additional 13,342 new jobs for Ontarians.

The province's manufacturing base was further broadened during the year with 139 Ontario companies completing licensing arrangements with foreign firms to manufacture new products or adopt new processes. Fourteen Ontario companies also entered joint venture manufacturing partnerships with foreign firms to extend their range of products and processes.

In 1968, Ontario's exports increased by a spectacular 28 per cent over the previous year. The Ontario total of \$5,970,570,000 represented almost 44 per cent of Canada's exports for the year.

Furthering Ontario's export drive 211 companies took part in 25 department-sponsored sales missions to 37 countries in 1968. Initial sales exceeded \$42,300,000 — bringing total estimated sales since the trade crusade program was introduced in October 1962 to \$213,973,021.

In retrospect, 1968 can be hailed as the Year of the Automobile. During the year, motor vehicles supplanted crude minerals and processed forest products — the historical leaders — as Canada's top valued export. And Ontario accounts for over 90 per cent of Canada's automotive industry.

Total value of exported cars, parts and other motor vehicles from Canada soared to \$2,637,876,000 in 1968, up by 52 per cent from 1967. Wheat trailed in fourth place among exports. Canada's manufacturing and processing industries now represent nearly three-quarters of total exports. Without neglecting our basic products, we must continue to look for major gains in manufacturing and processing — the industries increasing the fastest in world trade, and able to contribute significantly in providing new jobs.

Another year of solid growth is anticipated for Ontario in 1969, with the gross provincial product expected to increase by 7.8 per cent to \$29,200,000,000. Outlook for business capital investment is good, and prospects are bright for continuing increases in employment, productivity and profits.

S. J. Ramere

Ontario accounted for one-quarter of Canada's mineral production in 1968.

Ontario moved sharply ahead in 1968 to extend the current record-breaking economic expansion into its eighth year. High rates of growth chacteristic of most of the 1960's were regained after some loss of momentum in 1967. Gross provincial product — total value of goods and services produced — rose to \$27,100,000,000, an 8.7 per cent gain over the \$24,900,000,000 recorded in 1967.

A spectacular increase in exports, greater demand for consumer goods and continued recovery of housing construction were salient features of 1968's performance. All contributed to renewed expansion in manufacturing output and to the impressive recovery of manufacturing productivity. While output per employee in manufacturing levelled off one year earlier, 1968's surge of demand helped take up the slack and produce the largest productivity increase in several years.

The 5.2 per cent increase in Ontario's real growth reflected the recovery by goods producing industries. Productivity improvement contributed to an estimated 40 per cent of the

total increase in real output.

Price increases, while slightly lower than in 1967, comprised 3.5 per cent of the increased gross provincial product in 1968. Recovery of durable manufactures and construction were important developments in 1968, while strong foreign demand helped push mineral production up 12.2 per cent to \$1.340,000,000.

Manufacturing

Ontario's manufacturing industries — which account for two-thirds of Ontario's total goods production — stepped up production and shipments in 1968 after gearing down in the previous year. Manufacturing shipments advanced to an estimated \$21,300,000,000, a gain of 6.5 per cent. While below the recurrent 10 per cent annual increases of 1962-1966, manufacturing shipments improved upon the 3.8 per cent increase of 1967.

The main strength was in the transportation group, due to rapid annual advances in auto trade under the Canada-United States Agreement on Automotive Products, and renewed vigor in domestic automobile sales. Production of motor vehicles increased almost 25 per cent — from 947,255 units in 1967, to 1,179,983 units in 1968.

A large portion of processed mineral shipments were to the U.S. during the first half of the year to help build up inventories for the anticipated steel strike. Demand remained fairly strong.

Output by Ontario's pulp and paper industry improved upon the poor performance of 1967, rising 2.6 per cent to 6,600,000 tons. Reduced U.S. demand kept newsprint shipments below the high levels of 1966, but growth in domestic and other foreign markets partly compensated. Wood pulp and other papers advanced by 5 to 10 per cent.

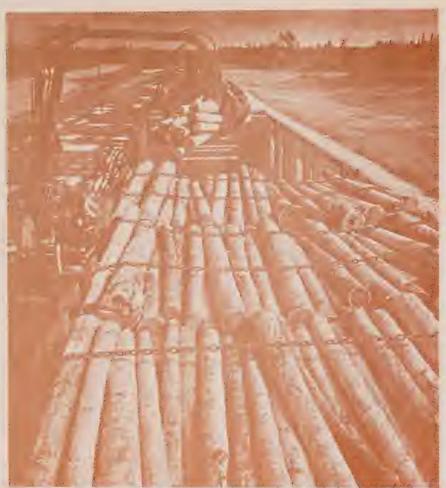
Industries manufacturing machinery and other types of production equipment continued to experience slow growth as a result of the plateau in business investment outside of housing. This was further depressed by continued difficulties on Prairie farms. In non-durables the leading industries were textiles, and petroleum and coal products, which increased 12.3 per cent and 8.1 per cent respectively. Foods and beverages, clothing and paper industries experienced the smallest increases — all 2 per cent or less.



Ford Motor Co. plant, St. Thomas.

estimated	pmems			
	1968		1967	
Atlantic Provinces	\$ 1,385	million	\$ 1,331	million
Quebec	11,330	9.9	10,946	17
Ontario	21,294	22	19,998	2.3
Prairie Provinces	3,096	2.2	3,006	27
British Columbia	3,510	"	3,202	"
Total Canada	\$40,661	.000,000	\$38,533	,000,000

New Capital Investi	ment in Manufacti	uring
	1968	1967
Atlantic Provinces Quebec Ontario	\$ 170 million 634 " 1,194 " 244 "	\$ 225 million 595 '' 1,224 '' 179 ''
Prairie Provinces British Columbia Total Canada	214 " \$2,456,000,000	293 " \$2,516,000,000



Timber shipment, Porcupine District.

Foreign Trade

Business investment across Canada was an important determinant of 1968's level of imports. Aside from continued imports of automotive equipment, imports of other types of machinery and equipment tended to level off. Imports rose to \$12,400,000,000, a gain of 13.5 per cent.

Automotive products valued at \$3,000,000,000 represented one-quarter of total imports. When these imports, which increased by approximately 40 per cent, are excluded from total imports the resulting increase is less than 8 per cent. Special conditions of labor unrest in metals industries and unabated pressures of demand in the full-employment U.S. economy helped produce a record \$13,600,000,000 in Canadian exports. The 19 per cent increase for the year was the largest annual increase in nearly two decades, occurring at a time when wheat exports — Canada's long standing export staple — were in a slump.

The \$9,200,000,000 value of exports to the U.S. accounted for two-thirds of the nation's exports. This represented Canada's first surplus of trade with the U.S. in more than a decade. Exports to all other nations moved up a modest

7.5 per cent.

The automotive trade — of which 90 per cent is Ontario based — continued to be the mainstay of Canada's exports in 1968. Though large gains in exports were anticipated in the transitional first three years of the auto pact, the 50 per cent gain in 1968 surpassed all expectations.

Elsewhere, the major items in Canada's exports were metals and minerals, lumber and newsprint, fabricated steel materials and nonagricultural machinery. Exports of copper increased 24 per cent while nickel and iron ore both advanced 17 per cent. Petroleum and natural gas rose 16 per cent. The value of fabricated steel material exports rose by more than one-third, while industrial machinery advanced by more than 20 per cent. A near 20 per cent increase in aircraft, engines and parts contributed to the large gain in transportation equipment exports.

As a result of 1968's unusual fillip to exports and the easing of imports, Canada's export surplus reached a record \$1,200,000,000 — more

than double the 1967 surplus.

Now Conital Investment

Maneral Production		
	1968	1967
Atlantic Provinces	\$ 470 million	\$ 437 million
Quebec	731 ''	734 ''
Ontario	1,340 ''	1.195 "
Prairie Provinces	1,660 ''	1.520 ''
British Columbia	391 ''	380 "
Total Canada	\$4,739,000,000	\$4,399,000,000

recti Cupital Investi	ment	
	1968	1967
Atlantic Provinces	\$ 1,286 million	\$ 1,258 million
Quebec	3,360 ''	3,202 ''
Ontario	5,631 ''	5,264 "
Prairie Provinces	3,671 "	3,342 "
British Columbia	2,090 "	2,108 "
Total Canada	\$16,038,000,000	\$15,174,000,000

Capital Investment

The stagnation of fixed capital investment has been a conspicuous feature of the economy in recent years. After the investment boom of 1965-66, which pushed the economy to a clearly unsustainable rate of growth, deceleration left considerable excess capacity and led to a complete standstill in the growth of business investment. This situation continued throughout 1967. but picked up in 1968.

Total public and private investment in Ontario advanced to \$5,600,000,000 in 1968, from \$5,300,000,000 in the preceding year. This represented a 7 per cent gain in value, but closer to half this amount in volume. Gains approached 20 per cent in both utilities and housing which together accounted for almost 90 per cent of the total increase in capital spending. The government and institutional sector was the only other to record a significant advance.

Investment in the construction and primary industries continued the decline which set in a year earlier. This was also the case in manufacturing, which was in the process of recovering from the 1967 slump in durables output. The only significant activity in the durables sector was in primary metals and the wood products industries where near 20 per cent increases were recorded. In transportation equipment, another major durables sector, investment stabilized at the 1967 level of approximately \$170,000,000.

Investment in machinery and non-metallic mineral products remained close to 1967's level, while investment in metal fabricating, electrical products and furniture fell off sharply.

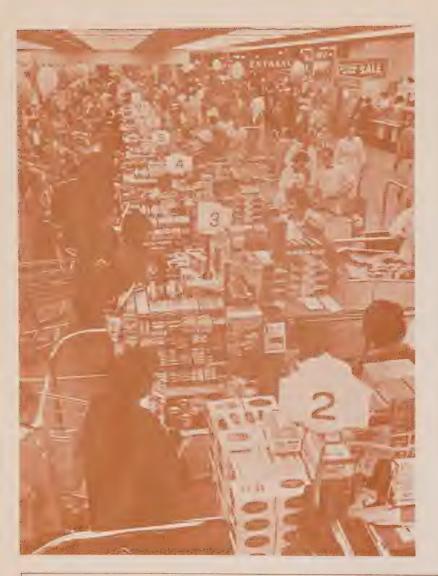
Growth of investment in the non-durables manufacturing industries was centred in the large foods and beverages category (up over 25 per cent), in the smaller rubber and printing and publishing groups (up 46 per cent and 32 per cent respectively), and in the aggregate miscellaneous group (up 26 per cent).

There were significant declines in textiles, clothing and knitting mills, paper and allied industries, and chemicals. Petroleum and coal products declined slightly. Capital outlays by Ontario Hydro, a major contributor to the advance in the utilities sector, reached an estimated \$330,000,000 in 1968.

Investment in housing was an important source of growth in the Ontario economy in 1968, as outlays rose 17.7 per cent to \$1,100,000,000. For the second successive year the number of starts rose sharply and in 1968 reached a record high of 80,375 units, a jump of 18 per cent over 1967.

Construction activity was uneven throughout the year because of the recurring problem of scarce funds. There was little improvement until the closing months of the year, when the Central Mortgage and Housing Corporation pumped more funds into housing through a program of direct loans to merchant builders. The record level of starts in Ontario - representing 40 per cent of Canada's 196,878 total - combined with the large number of units under construction at the beginning of the year to add 68,003 completed units to Ontario's housing stock in 1968. An additional recordhigh 60,035 units were under construction at year-end. Heavy emphasis on multiple dwellings was largely due to the high cost of single family houses resulting from increased land costs and rising mortgage charges.





Retail Sales

The softness in the market for consumer durables gave way in 1968 propelling Ontario's retail sales to a record \$9,800,000,000 - 8.7 per

cent higher than in 1967.

For the first time in three years, sales by motor vehicle dealers increased substantially, rising almost 12 per cent to more than \$1,600,000,000. But although housing activity improved during the past two years, sales by furniture and appliance dealers rose a more modest 7 per cent. Sales by department stores rose 12 per cent in 1968, while food stores, general merchandise stores and garages advanced from 8 to 10 per cent. Men's clothing stores enjoyed a brisk 8 per cent sales increase, while other clothing and food stores held to gains of close to 5 per cent or less.

With few exceptions the remaining retail stores enjoyed modest increases. Fuel, hardware and drug store sales all rose 5 per cent, The exceptions were jewellery stores, which rose less than 2 per cent, and variety stores, which declined 7 per cent.

Ontario's retail sales - which account for 39 per cent of Canada's total - outperformed all the remaining provinces combined, advancing 8.7 per cent compared with the latter's 5 per

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AA SI	ges	anu	Sala	Hes

estimated

	1968	1967	Percentage Change
Atlantic Provinces	\$ 2,169 million	\$ 1,978 million	9.7
Quebec	8,737 ''	8,196 ''	6.6
Ontario	13,732 ''	12,703 "	8.1
Prairie Provinces	4,791 "	4,354 ''	10.0
British Columbia	3,572 "	3,415 "	4.6
Total Canada	\$33,104,000,000	\$30,737,000,000	7.7

Retail Sales

Atlantic Provinces
Quebec
Ontario
Prairie Provinces
British Columbia
Dittion Columbia

\$2,103 million 6,460 9,807 4,246 2,797

1968

1967 \$1,939 million 6,271 8,941 4,053 2.581

Total Canada

\$25,412,000,000 \$23,785,000,000

Employment and Income

Ontario's labor force rose 3.5 per cent from 2,834,000 to 2,934,000 in 1968, while employment rose from 2,745,000 to 2,830,000. The unemployment rate increased from 3.1 per cent in 1967, to 3.5 per cent.

Job opportunities were generally good and the demand for skilled workers and professional and managerial staff was reasonably buoyant. It was the young and generally untrained 14-19 year age group that bore the brunt of increased

unemployment.

In industry, employee increases of about 10 per cent were experienced in the service sector, particularly in health services, education and related services, and business and personal services. Goods producing industries, on the other hand, did not increase significantly. Except for mining and construction, where gains of 2.5 per cent and 3.5 per cent respectively were recorded, the number of employees actually declined. In forestry there was a 10 per cent decline in 1968.

Despite the recovery of output in durables manufacturing, the number of manufacturing employees remained below 1967 levels. To some extent this was the result of sharp reductions in employees due to strikes early in the year and at mid-year. In the first three months alone, nearly 1,000,000 man-days of work were lost in strikes at major auto plants. Since that time there has been steady improvement, with the number of employees rising throughout the

Wage increases were still clearly inflationary in 1968, although there was some evidence of a slight downward movement. Wage increases negotiated in nation-wide wage agreements eased slightly from the high levels of 1966 and 1967, to just below the 8 per cent mark in 1968. But compared to gains prior to 1966, all were

auite high.

In Ontario the net effect of higher wages and generally improved employment pushed total wages and salaries 8 per cent higher than in 1967. Total personal income, including labor income as well as all other forms of income accruing to individuals, rose an estimated 9.3 per cent from \$18,800,000,000 in 1967 to \$20,500,000,000 in 1968, providing an income of \$2,806 for each man, woman and child in Ontario. An estimated 15 per cent increase in Ontario's corporate profits contributed to this gain.



Allied Chemical's new plant at Belleville produces packaging film previously imported

Regional Unemployment percentage of labor force

	1968	1967
Atlantic Provinces	7.3	6.6
Quebec	6.5	5.3
Ontario	3.5	3.1
Prairie Provinces	3.0	2.4
British Columbia	5.9	5.1
Total Canada	4.8	4.1

Population estimated at January 1

Commutou at canaday :	1969	1968
Atlantic Provinces	2,011,000	1,995,000
Quebec	5,962,000	5,910,000
Ontario	7,392,000	7,252,000
Prairie Provinces	3,484,000	3,438,000
British Columbia	2,045,000	1,990,000
Total Canada	20,940,000	20,630,000

Prices

There was little relief in 1968 from the inflationary pressures which have gripped all of Canada for the past several years. Prices advanced 3.5 per cent — lower than 1967's 3.9 per cent increase, but still high by the standards of the 1960's. Housing and government expenditure continued to experience the heaviest price pressures.

Concern over Canada's international competitive position due to sharply increased unit labor costs contributed to the run on the Canadian dollar early in 1968. Higher productivity in Canada and more rapid acceleration of prices in the U.S. restored some of the confidence in subsequent months, but pressures for high wage settlements were maintained and continued to threaten the economy.

In 1968 consumer prices rose 4.1 per cent higher than in 1967. The largest price increases were in tobacco and alcohol, which rose 9.1 per cent. Increases in housing and recreational costs were slightly less than 5 per cent.



Farm cash receipts in Ontario advanced to \$1,340,000,000 in 1968

	Construction	Machinery and Equipment	Total	Construction	Machinery and Equipment	Total
rimary industry and construction lanufacturing tilities rade, finance and	\$ 151 million 304 " 487 "	\$ 300 million 890 '' 527 ''	\$ 451 million 1,194 " 1,014 "	-14.7 -6.3 29.0	-1.7 -1.1 10.4	6.5 2.4 18.6
commercial service ousing stitutional services and government departments	277 '' 1,084 '' 1,189 ''	293 '' — 130 ''	570 " 1,084 "	-4.2 17.7	5.4 — —8.8	0.5 17.7
otal	\$3,491,000,000	\$2,140,000,000	\$5,631,000,000	10.5	1.8	7.0

ource: DBS and Department of Trade and Commerce, Private and Public Investment in Canada.

istimated Ontario Manufacturing Shipments

			Percentage Change		
	1961	1967	1968	1968/67	1968/61
on-Durables					
Foods and Beverages	\$2,071 million	\$3,131 million	\$3,178 million	1.5	53.5
Tobacco products	141 "	252 "	272 "	7.9 ′	92.9
Rubber products	252 "	395 "	421 "	6.6	67.1
Leather products	142 "	205 "	216 "	5.4	52.1
Textile products	330 "	522 "	586 "	12.3 /	77.6
Knitting mills	90 ''	103 "	109 "	5.8	21.1
Clothing	198 "	251 "	256 "	2.0	
Paper and allied products	788 ''	1,221 "	1,245 "	2.0	29.3
Printing, publishing and	, 00	1,221	1,245	2.0	58 0
allied industries	464 "	657 ''	682 "	0.0	47.0
Petroleum and coal products	386 ''	520 "	002	3.8	47.0
Chemicals and products	861 "	520	302	8.1	45.6
Miscellaneous manufacturing	396 "	1,007	1,470	6.0 /	70.7
Miscerialieous manufacturing	390	647 ''	694 ''	7.3 /	75.3
otal	\$6,120,000,000	\$9,291,000,000	\$9,691,000,000	4.3	58.3
					00.0
urables					
Wood products	\$ 176 million	\$ 276 million	\$ 290 million	5.1	64.8
Furniture	173 ''	305 ''	300 "	-1.6	73.4
Primary metals	1,153 ''	1,754 ''	1.964 "	12.0 /	70.3
Metal fabricating	876 ."	1.673 "	1.690 "	1.0	92.9
Machinery	503 ''	1.012 "	1,040 "	2.8	106.8
Transportation equipment	1,406 ''	3,604 "	4,116 "	14.2 /	192.7
Electrical products	833 "	1,500 ''	1,545 "	3.0	85.5
Non-metallic mineral		1,000	1,010	0.0	00.0
products	325 ''	583 ''	661 ''	13.4 /	103.4
otal	\$5,444,000,000	\$10,707,000,000	\$11,606,000,000	8.4	113.2
	Ψ0,444,000,000	\$10,707,000,000		0.4	113.2
otal Ontario					
Manufacturing	\$11,564,000,000	¢10,000,000,000	¢01 007 000 000	6.5	94.0
otal Canadian	φ11,364,000,000	\$19,998,000,000	\$21,297,000,000	6.5	84.2
Manufacturing	602 420 000 000	AAA 500 000 000	#40.004.000.000	F C	70.5
	\$23,439,000,000	\$38,533,000,000	\$40,661,000,000	5.5	73.5
ntario as a percentage	10.0	T. 1. 0			
of Canada	49.3	51.9	52.4		

967 and 1968 estimates based on revised 1965 data and current Canadian statistics. ources: DBS and Ontario Department of Treasury and Economics.



The Ontario economy can look forward to an other year of solid growth in 1969. The fore cast gain in the gross provincial product of 7.1 per cent, while less than the previous year? 8.7 per cent increase, should be more broad! based, with domestic demand playing a mor important role. Unlike 1968 when foreign de mand, primarily from the U.S., was a leading growth factor, business investment in 1961 should be a leading contributor.

Increasing momentum in Ontario's economic became apparent during the latter half of 1968 carrying over into 1969. Unemployment, business investment and housing activity shower marked improvement. And after two years of restraint in capital investment all signs point to resumed growth, particularly after the favorable.

productivity performance of 1968.

The economy's buoyancy should be most evident in the first six months of 1969. Towar mid-year, however, some deceleration shoul become evident, becoming more pronounce throughout the second half. Efforts to curb in flation in Canada and a slowing of activity i the U.S. are among influencing factors.

Although efforts to curb the U.S. economy' high growth rate proved largely unsuccessful I 1968, there is little doubt that they will tak hold in the second half of 1969, curbing th

high rate of investment.

This development implies a period of slowe growth in Canadian exports, which are generally expected to rise by 7 per cent to a level of \$14,500,000,000. Once again activity should be centred in automotive sales to the U.S. Growt of Canada's imports will approximate 1968' 13.5 per cent gain and adversely affect the bal ance of payments position.

Tight credit conditions also foreshadow period of deceleration in the domestic economy Price pressures will remain strong with a gai

of 3.3 per cent forecast for 1969.

Fixed capital investment, which should be the

main stimulus in 1969 will be concentrated in the business sector. Government capital outlays, hampered by limited sources of revenue and high borrowing costs, should advance by only 7 per cent, considerably less than in recent years.

Business capital investment in manufacturing is expected to rise 14 per cent. Ontario Hydro's expenditure program of more than \$400,000,000 will contribute to a forecasted 16 per cent in-

crease in the utilities sector.

Although financial conditions may affect nousing construction, the large carryover from 1968 will contribute to a 10 per cent increase n housing investment. Housing starts should number 85,000 in 1969, a gain of just under 6 per cent.

Retail sales in Ontario should reach \$10,600,-000,000 in 1969, an increase of 8.3 per cent. Julike 1968 when automobile sales made a sharp recovery, sales in 1969 should reflect shifting emphasis towards other household

durables and non-durables.

Ontario's performance in 1969 will generally reflect an increasing contribution on the part of employment growth, and a smaller contribution from productivity increases. As in the case of exports, the growth of productivity in 1968 was particularly strong — making a repeat performance unlikely.

Ontario's growth in real terms should consist of an 0.8 per cent increase in productivity and a 3.7 per cent increase in employment. Coinciding with a 3.5 per cent increase in the labor force, the gain in employment should result in a small secline in the rate of unemployment. In 1969 the labor force should reach 3,037,000 persons.

It would appear, then, that Ontario's economy—after a year of spectacular growth—will still retain much of the forward thrust. Instead of coming from beyond our national boundaries, the major stimulus will originate in the domestic aconomy, spurred by the continued growth of amployment, incomes and output.



Trade and Industry Divisio

Selling the world Ontario products, processes and know-how



Ontario's exports increased by a spectacular 28 per cent in 1968 to a total of \$5,970,570,0

ea packing machines to Japan, road sweepers o Britain, cigars to the Bahamas, TV color converters to Germany or frozen pies to Ausralia...it's all a matter of salesmanship and

he right product.

These and dozens of other new sales achievenents were recorded in 1968 by the 211 Onario companies represented on 25 sales misions sponsored by the Ontario Department of rade and Development. Visiting 36 countries broad and nine major cities in the United States, the businessmen wrote initial export orders for \$42,300,920 worth of Ontario products, processes, produce and know-how.

An integral part of the province's industrial levelopment program which calls for 100,000 ew jobs for Ontarians annually and extends he sources of Canada's foreign earnings, Onario's trade mission program was launched in october 1962. Since then, sales exceeding 213,973,021 have been booked by more than ,000 companies taking part in 117 missions

rganized up to the end of 1968.

Aimed at putting the Ontario businessman three feet away from foreign buyers," the repartment pays economy return air fare from oronto to the sales destination, arranges briefing sessions and sets up appointments and anslation service. All other expenses are the esponsibility of the businessmen.

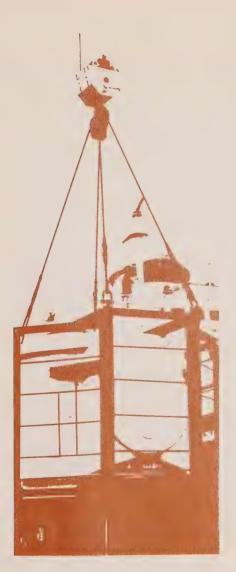
The foreign trade services of the federal Deartment of Industry, Trade and Commerce lay a vital role in Ontario's trade mission

rogram.

Tapping expanding markets for Ontario prodcts in the South Pacific, a sales mission to ustralasia was among the most successful in ne 1968 sales offensive. One of the particiants, Delamere and Williams Co., of Toronto, roke centuries of tradition in selling \$70,000 ab bag-packing machinery units to Japan and idia, as well as Australia. Belt vulcanizers and utting presses produced by Shaw-Almex Inustries Ltd., Parry Sound, also won wide aceptance in Australia and Japan.

For the first time in 1968, a specialized Ontrio sales mission attended the Public Works xhibition in London, England. As a result of its mission, the sewers at Gatwick Airport, andon, are now thoroughly scrubbed with achinery manufactured by Juhlke Thoro Ltd., eamsville, and among other sales, Bay Mills td., Midland, gained an initial \$150,000 order or fibre glass waterproofing membrane used y roofing contractors and tunnel and road

uilders.



The department's Marketing Branch also promotes Ontario products and processes by bringing groups of foreign buyers to the province. Among activities in 1968, 49 furniture buyers from the U.S., Britain, Belgium, Germany and Holland attended the Eedee furniture awards presentation and Canadian Furniture Mart in Toronto. A trade delegation from Bulgaria, capital equipment buyers from Southeast Asia and the Middle East, a power mission from South America and a six-man telecommunications mission with representatives from Mexico, Kuwait, Spain and Iran were among others introduced to Ontario manufacturers and distributors.

Under the department's auspices, 49 industrial buyers from all parts of the world attended the Canada Farm and Industrial Equipment Show, the Canadian Hardware Show, the Materials Handling, Transportation and Mining Show, the Supermarket Show and the Canadian National

Packaging Show.

Nineteen licensing agreements were completed by Ontario companies during the year to have products ranging from lighting components and slippers to tires and camp stoves manufactured in other countries. Eight agreements were signed with companies in the United Kingdom, five in the U.S., two in Germany and one each in Belgium, Mexico, Jamaica and

Under the Engineering Services Abroad program, aimed at selling Ontario technical knowhow, heavy equipment and materials in other countries, the department assisted 19 companies investigate and prepare studies and proposals during the year. Projects included grain handling facilities, water and sewage treatment plants, power and irrigation schemes, a resources study and a proposed brewery, in Africa, Asia, Europe, the Americas and the South Pacific. Six companies were called together by the department to form a consortium to tender for an \$18,000,000 thermal electric power plant in South America.

To assist Ontario businessmen in their understanding of export business and foreign commercial practice, the branch sponsored seminars in Bramalea, Brockville, Stratford and Toronto in 1968. Conducted in conjunction with the Department of Education, the seminars were

attended by 410 business executives.

Twelve monthly and nine special marketing opportunity bulletins published in the year contained 1,340 items of interest to Ontario manufacturers seeking new outlets abroad.

Industrial Development

Ontario industry continued to expand in 1968 improving upon the previous year's growt rate on all fronts. A total of 153 new manufacturing plants added 3,418,000 square feet to th province's manufacturing and industrial spacand created 5,342 new jobs, according to survey by the Industrial Development Branch Estimated requirements for buildings an equipment amounted to \$97,733,000.

A further 139 Ontario companies complete licensing agreements with companies in th United States and Europe, and as far afield a South Africa and Japan, to manufacture new products or introduce new processes.

In addition, 426 Ontario plants expanded i 1968 at a total cost of more than \$351,000,000

Some 8,000 new jobs resulted.

Responsible for attracting new industry to the province and expanding existing industry, the Industrial Development Branch conducts in depth feasibility studies on behalf of companies, and maintains pertinent data files concerning all communities and areas. Thes studies assist companies to determine the most suitable location for their production facilities and also help established industries expant through licensing agreements, joint ventures c sub-contract manufacturing, and by developing new products and inventions.

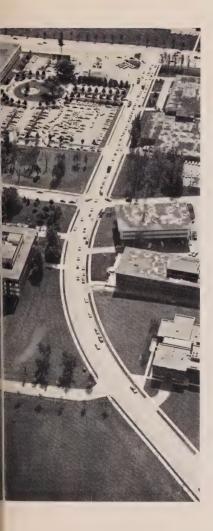
The branch also assists municipalities pla industrial development programs and corducts educational and training seminars corcerning new promotional techniques and the

needs of industry.

Studies carried out in 1968 by the plant location section on behalf of foreign and domesticompanies included analysing and evaluatin market potential, labor availability, transportation costs, services, etc. Information was provided on provincial and municipal industrial legislation concerning air and water pollutio control, zoning regulations and tax structures. Fast and accurate information is available tindustry on a confidential basis without obligation.

To bring together foreign and domestic conpanies seeking joint venture manufacturin partnerships, the branch maintains a confider tial bulletin service to advise interested O tario companies of new opportunities. In ne joint venture companies, the Ontario partnusually provides the plant, organization, ar





sales facilities, and the foreign company contributes product know-how, special machinery and a share of capital requirements.

Associating with established Ontario manufacturers frequently has important advantages for foreign companies, particularly when the time factor is important or when capital for complete new facilities is not warranted, or available. Production may be started sooner, sales facilities usually exist, and capital requirements can be reduced. Joint venture bulletins covering 35 product opportunities were distributed in 1968 to over 2,500 Ontario manufacturers interested in expanding product lines.

The manufacturing arrangements section works closely with existing Ontario industry to encourage expansion through the manufacture of new products or inventions under licensing agreements, or by carrying out sub-contract work. A monthly manufacturing opportunities bulletin distributed to industries throughout the province, lists products on behalf of foreign and domestic companies wishing to have them made and marketed in Canada.

In 1968, the bulletin was expanded to list production facilities immediately available for contract work. The listing of production facilities available is restricted to companies urgently requiring work, as distinct from manufacturers seeking increased production. An "item wanted" section was also added to assist companies seeking sources of supply for contract manufacturing.

Several good sub-contract orders resulted from this service. During 1968, 373 manufacturing opportunities published in the bulletins resulted in 3,282 responses from Ontario companies.

The importance of licensing arrangements to Ontario's economy was clearly indicated in 1968 with the completion of a detailed study of the impact of 374 representative agreements negotiated in the past six years. These contracts resulted in new sales of \$148,194,000, capital expenditures of \$29,726,000, and additional employment for 3,022 persons.

Twenty-eight separate licensing contracts signed in 1962, for instance, produced \$23,148,000 in new sales up to the end of 1967, created 405 new jobs and resulted in a capital investment of \$1,774,000. The 45 company re-

turns from 1963 indicated sales to the end of 1967 of \$37,390,000, new jobs resulted for 705 persons and capital expenditures totalled \$5.574,000.

To further interest Ontario companies in new products and speed up the acquiring of production rights, a group of manufacturers visited consumer and industrial trade fairs in Milan, Hanover and London, England, during the year on a product prospecting mission.

In response to requests from Ontario municipalities, field services representatives visited 111 communities in 1968 to assist local organizations develop or carry out industrial promotion programs. In addition, 162 office discussions were held with community representatives.

A two-day industrial development seminar sponsored by the department at Scarborough was attended by 131 delegates from municipalities, corporations, transportation companies and banks throughout the province. Dealing the length with industrial development subjection included air pollution control, regional government and the activities of the Ontario Development Corporation. Delegates also took part in a case study on plant location.

Seven municipal industrial development forums were held in co-operation with regional councils in the Northeastern, Georgian Bey Lake Ontario and Eastern Ontario regions. A total of 316 community representatives took part

Interest in new plant facilities continued at a steady pace in 1968. A total of 4,493 industrial surveys were used by the plant location section and other development agencies to assist manufacturers considering establishing in the province. Field services representatives visited 73 manufacturers in 1968 to determine their manufacturing capabilities and special requirements, and inform them of opportunities provided by the branch.

The Ontario Department of Education was assisted in conducting an adult training course at St. Thomas during the year. And the Indian-Eskimo Association of Canada was assisted at a two-day conference at London, aimed at helping Indian communities establish economic development programs including manufacturing facilities.

RESEARCH

Key economic surveys, plus pertinent facts and figures which point to specific opportunities in Ontario's industrial and export drive, are compiled and analysed by the Research Branch in a continuing program for the department and the business community.

Marketing reports prepared in 1968 for Ontario industry and industries considering establishing in the province totalled 466. An in-depth survey of the consumption of sand castings initiated in the year will be released to Ontario foundries and other interested groups early

in 1969.

With detailed market surveys of 21 countries completed in the year, 61 major trading nations have now been surveyed by the branch. Shorter market surveys were completed on an additional 22 countries.

All studies by the branch are periodically revised and made available to Ontario companies or organizations interested in developing export markets. Investigation of foreign markets for specific products continued on a routine

Publications compiled for industry in the year included a new edition of Statistics for Profit. which indicates world markets for Ontario products, U.S. import and Canadian export opportunities, U.K. imports and Canadian export opportunities, and local fabrication opportunities for Canadian industry.

A new publication, Ontario Exports by Countries, provides detailed data on exports to 141 countries in 1967. Ontario Exports by Commodities, a companion booklet initiated in 1966, was updated to include 1967 data covering 970

commodity classes.

Economic analyses of the automotive and machinery industries continued in 1968, with emphasis on the effects of Kennedy Round GATT tariff reductions in their first year of application. These tariff cuts affected about \$2,-500,000,000 of Canada's trade. The branch assisted numerous Ontario industries seeking information on the implementation and effect of these tariff reductions.







Eagle Tie Machine Co., London, unveiled its snowmobile at a sports fair in Cologne, Germany, in 1968... and began negotiations with dealers from eight countries for units exceeding \$1,000,000. "The response was amazing," recalls Doug Friesen, general manager. "Buyers were mostly interested in the Sno-Hawk's possibilities as a utility vehicle, in logging, forestry, for winter emergency service and farm use."

Eagle Tie, which began manufacturing snowmobiles four years ago as a sideline to producing tobacco tying machines, will devote much of its newly expanded plant to supplying the export market. And before returning to Canada, Mr. Friesen stopped off in Greece and picked up sample orders for 10 tobacco tying machines at \$1,500 apiece.

Eagle Tie was one of 98 Ontario manufacturers taking part in exhibits sponsored by the department's Trade Fairs Branch at 16 international trade fairs in 1968. These exhibits enable the companies to place their products in direct competition with leading world suppliers and to compare design, quality, packaging, cost, and merchandising techniques.

Ontario's five manufacturers of quality silver holloware also attest that trade fairs establish wider market acceptability for Ontario goods, and proves industry's ability to meet foreign imports. They credit much of their success in exporting to Britain—traditionally considered a world supplier of holloware—to the introduction of their products at the branch's exhibit at the International Gifts Fair, Blackpool. Sales in Britain already exceed \$500,000 annually, and at least two of the companies are expanding to cope with orders.

Truck equipment, heavy construction materials, sporting goods, giftware, electronic components and builders' hardware were among the wide range of Ontario goods displayed at trade fairs in Europe and the United States during 1968. As part of Ontario's effort to increase trade ties with the South Pacific area, such products as textiles, welding equipment, pumps, automotive parts, blowers, seat-

ing, police training aids and laboratory instruments were introduced to buyers at special Ontario trade exhibits at Sydney and Melbourne, Australia.

Information booths to interest foreign businessmen in Ontario's industrial and investment opportunities, further trade ties and promote the province generally, were featured at shows and conventions in Canada, the U.S. and abroad in 1968. Worthwhile business contacts established totalled 269. Many companies were counselled on the availability of capital grants and loans through the Ontario Development Corporation. Six displays of Ontario products were exhibited in the windows of Ontario House in London, England, during the year.

As part of the continuing program to create an awareness among Ontario consumers of the range, quality and competitiveness of goods manufactured in the province and the importance to the economy of buying domestic products, Shop Canadian Week promotions were held in Ottawa, Lindsay, St. Catharines, Oshawa, North Bay, Dryden, Sioux Lookout, London, Windsor and Orillia in 1968.

A total of 3,007 retail stores took part in the promotions, organized in co-operation with chambers of commerce, boards of trade and retailers' associations. The Shop Canadian theme was also featured at the department's exhibits at summer and fall fairs at the Lakehead, Peterborough, Ottawa and London, visited by an estimated 1,353,000 persons.

... a few years ago there was much to be desired in high ctyle, particularly in the badroom and draing room held, I used to the partical furniture to sweeter up a years. New have no healthen in buying affect, Caracter. James Reid, Kingsten furniture tetailer.

You thought maybe the slopen Buy Canadian applied only to spirits? We have a hunch the imparts that impress Americans so will include Canadian lashions from new on."

Yvenn. Petric Detroit News Fashion Editor, commenting on Ontario fashion show.

Ontario recognizes the importance of design and workmanship in its continuing program to promote exports and encourage domestic manufacture of more of the goods consumed in the province.

The furniture and fashion industries are given particular attention through the department-sponsored Eedee design awards program. The Eedee (for excellence in design) awards were first presented by the department in 1965 to encourage Ontario manufacturers of women's and children's wear to make greater use of local design talent.

Since then the industry has assumed responsibility for the program through the Ontario Fashion Institute, working in co-operation with the department. Sixty-nine companies entered a total of 169 creations in the 1968 competition. Fifty awards were presented.

The Ontario Home Furniture Design Awards competition, organized by the department for the second successive year in 1968, drew 241 entries from 76 manufacturers working with 88 Canadian designers.

Winners in both the fashion and furniture contests are selected on the basis of originality, craftsmanship, consumer appeal and produc-

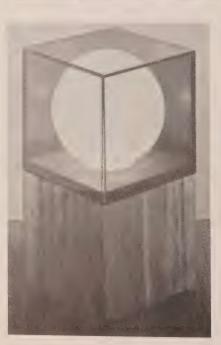
tion potential.

With the department sponsoring visits by buyers and importers from all over the world, special showings of Eedee furniture and fashions winners are an important medium to promote Ontario products.

Ontario furniture and fashions continue to win acceptance in other countries. In 1968, a Toronto manufacturer competing against bids from Japan and the U.S. landed the contract to install 6,000 seats in Sydney, Australia's, controversial new opera house. And the made-in-Ontario label can be seen on children's and women's clothing in U.S. department stores from New York to San Francisco.

Trade and Industry Division





Furniture E Fashions

Ontario Style





Trade and Industry Division

Our men in: London · Dusseldorf · Milan · Stockhol New York · Chicago · Los Angeles · Cleveland · Bosto







enna · Brussels lanta · Kingston



The assignment: seek out new business for Ontario by selling the province's manufacturing and investment opportunities and finding new export markets.

The team: Ontario trade and industry counsellors stationed in 13 key centres in the United States, Europe and the Caribbean.

Ontario's international trade and industry counsellors directly link the province's industries with business communities in other countries. Their responsibilities include encouraging businessmen abroad to locate manufacturing establishments in Ontario or to enter into joint venture or licensing arrangements with Ontario firms. In addition to encouraging this new investment in Ontario, these officers recommend suitable agents and distributors for Ontariomade products.

The trade counsellors also advise Ontario companies wishing to establish plants in other countries or find suitable firms to manufacture their products under licensing or joint venture arrangements. Providing business leads to members of Ontario trade missions and individual Ontario businessmen, and assisting with Ontario's participation in international trade fairs are among other duties.

The United States is covered by full scale Ontario trade and industry offices — where counsellors are assisted by locally experienced marketing specialists — in New York, Chicago and Los Angeles; and by counsellors operating from one-man offices in Atlanta, Boston and Cleveland.

All representatives are responsible for neigh-

boring states as well as the ones in which the pare located. Ontario's trade counsellor pare in Kingston, Jamaica, covers the Caribboar et a. Central America.

Britain and Eire are covered from the trude office in London, which operates as part in Contario House. Trade counsellors in Europe operate from one-man offices in Dussellors covering Germany and Switzerland; Milan, covering Italy, Greece, Spain and Portuger; and Stockholm, covering Sweden, Dermark, Finland and Norway, Plans were finalized lists in 1968 to provide trade counsellor services Hill Brussels, covering Belgium, France, Lilling Brussels, covering Brussels, cover

Business opportunity missions, in which specialized trade and industry counsellers with selected cities to attract new business and exports for Ontario, were expanded to Eurose during 1988. Long a successful part of the International Branch's activities in the US pilot projects in Bristol and Leeds. Eng. If met with encouraging results. Additional actions are planned for confunental Europe.

In the U.S., Ontario Unlimited promoters which emphasize over-all opportunities is the province — were held in Los Angeles New York and Chicago in 1968. These week-long params include sales and business opportunity missions, economic conferences, and prometional activities concerning Sheridan Park Ne search Community, the Ontario Development Corporation, and opportunities for skilled immigrants in the province.



The Reople Hunters

Glass blowers, animal keepers, upholsterers and sail makers included, Ontario's people hunters always get their man. Women too for that matter — particularly teachers, nurses and

stenographers.

Better known as the 32-member staff of the department's Immigration Branch, the people hunters offer a recruitment service for Ontario employers unable to find skilled or professional personnel locally. Their hunting record in recent years: almost 100 per cent.

As Canada's major source of immigrants, Britain is the favorite area for safari. The U.S., Europe and Asia are also hunting grounds.

Pre-employment registers in the branch's Toronto, London and Glasgow offices contain the names of some 2,500 skilled persons willing to establish in Ontario. Frequently when an employer approaches the branch to help solve a recruitment problem the right person is found mmediately from these files. Alternatively the pranch recommends the most suitable area to advertise, handles replies, pre-screens applicants, when requested, and arranges schedules for employers who wish to visit Britain to interview applicants.

The largest single category signed up overseas is school teachers. In 1968 more than 75 school boards throughout the province repruited overseas, bringing an estimated 600

new teachers to Ontario.

Nurses and other trained and professional nospital staff, draftsmen, toolmakers, scientists, angineers, computer programers, tailors, niners, policemen and production workers are among others frequently signed up through the pranch. Doctors were recruited during the year or the towns of Tilbury and Campbellford.

Personnel requests from 435 Ontario companies and organizations were handled by the pranch in 1968, resulting in 6,331 applications or employment. Job offers totalled 1,641.

Advertising charges and travel costs for employers wishing to conduct final interviews overseas are the only fees involved in using the people hunter service. Sixty-seven Ontario employers used the facilities of the branch in Lonon and Glasgow to interview job applicants 1968. Others requested the branch to conduct interviews on their behalf.

With greater emphasis by federal authorities on education and skill requirements for unponsored immigrants, Ontario's people hunters tepped up their efforts to reach more prospecive newcomers during the year. Advertising inverseas professional and trade journals was inreased and additional film shows and panel disussions were organized in Britain and the U.S.

Ontario remained the number one choice of immigrants to Canada in 1968, gaining 96,155 newcomers out of a total of 183,974. A 19 per cent drop in the provincial and national immigration totals compared to 1967 is credited to more selective federal immigration regulations.

Of the 48,172 immigrants who entered the Ontario labor force in 1968, 33,082 were unsponsored immigrants. The Ontario Immigration Branch arranged pre-emigration employment

for 1,641

Demand for skilled immigrants in Ontario was about 20 per cent lower than in 1967, while the supply was that much higher. Unskilled immigrants entering the Ontario labor force declined from 5.3 per cent in 1967, to 3 per cent in 1968.

Canada's new immigration policy — which admits immigrants principally on the basis of education and occupational skills, regardless of race or language — was implemented for the full year in 1968. A broadening of the scope for sponsoring relatives, and selective control over the numbers of unsponsored immigrants entering the labor force are among features of the program.

Compared to 1967, British immigrants declined proportionately from 31 to 24 per cent, and Italian from 15 to 13 per cent. Immigrants from Africa and Asia increased proportionately from 10 to 14 per cent. Also recorded in 1968 was an increase in the proportion of sponsored or nominated immigrants, and a decrease in the proportion of unskilled or semi-skilled unsponsored immigrants entering the labor force.

Organizational changes in the federal Department of Manpower and Immigration continued in 1968, with responsibility for immigrant settlement assigned to Manpower Division. Successor to the National Employment Service, this division is also largely responsible for the occupational and regional demand information which determines the numbers of independent immigrants admitted to Canada, and the job categories needed.



Dr. W. Hunter Biair, iormer / C Sulland S in Control to the town of Tilbury by the Ontario Immigration Branch

万国博に乗りだすオンタリス



In symbolism, the ceremony dated back thousands of years.

White-robed Shinto priests chanted the rites of purification while dignified musicians played austere traditional music. The secred sickle was wielded in a harvest effemony, and /tree branches were offered the gods to ensure/good fortune for the project... Ontario's participation in Expo 70, the official world exposition in Osaka, Japan.

Within 10 days of the November ceremony, bulldozers moved onto Lot 4300 to hew out soil for the foundations of Ontario's pavilion, scheduled for completion one year/later. A simple but striking structure utilizing sopnisticated building techniques, the pavilion will be of primary colors in keeping with Expo 70's requirements Exterior steel panels will be blue, with supporting members/and crossbeams in white

Ontario's \$2,600,000 'participation at Osaka, directed and administered by the department's Special Projects and Pranning Branch, will centre around Expo's main theme, Progress and Harmony for Mankind. As well as entertaining and informing visitors it will emphasize furthering trade and development opportunities with all nations.

A new multi-image color film on Ontario by

Christopher Chapman, producer of the internationally acclaimed A Place to Stand, will be the main feature of the pavilfon. Expo 70 visitors will see it on a screen 90 feet long by 35 feet high, curved to a 120-degree angle in a theatre catering for 2,000 spectators an hour. Visitors will also stroll by a continuous audio-visual presentation in which 22 programed projectors will throw a multitude of color images of Ontario and its potential on a screen 100 feet long.

More than 2,000 students throughout Ontario applied for positions as hosts and hostesses at the Ontario pavilion. Recruiters completed oncampus interviews and tests in narrowing down final selections for the 25-30 jobs. The hosts and hostesses are selected for their general knowledge and personality, and speaking knowledge of a second language, preferably

Crowning its academy award from Hollywood for best live-action short subject, A Place to Stand continued winning new acclaim — and revenues — in 1968. Originally produced for the Ontario pavilion at Expo 67 in Montreal, the 17-minute film won three Etrog awards (best picture of the year, best sound editing and best technical innovation) at the Canadian Film Awards, and other awards at film festivals in Chicago, San Francisco, Berlin, Cologne and Bilbao, Spain. It also won a diploma of honor

at the Mexican World Review of Film Festiv Winners.

Released commercially by Columbia Picture during the year, A Place to Stand was screene in 8,000 theatres in the United States and 8,00 in Canada. Already shown in 22 countries of five continents, total around-the-world audience will eventually exceed 30,000,000 persons.

One version of the film has lyrics of theme song in Spanish. Another has titles German. A Place to Stand will be released theatres in Japan in 1969 as part of the buildt for Expo 70.

Revenues from sales of the film (in 70, 35 at 16mm. versions), recordings of the soundtra and theme, and sheet music, exceed \$65,50 A contract was signed in 1968 for non-theatric distribution of the 16mm. version in the U.S.

Special Projects was again responsible f the province's external advertising program 1968. A six-part black and white series proming investment opportunities was featured leading U.S. and British news and busine publications, and the widely acclaimed Onta-Style color series continued in Look magazin

Arrangements for the presentation releasi the Metropolitan Toronto and Region Trar portation Study was among other activities Special Projects during the year.

ELECTOR STORY TO A STO



The sights and sounds of Ontario captured for Expo 70.

The Otter aircraft banks sharply above ineastern shore of James Bay and the huge camera mounted inside zooms in on a group of startled polar bears who break and run.

Seven hundred miles to the south, its tranquil setting of Point Pelee National Fair near Leamington, the same camera have focuses in again. This time on the the same colorful Monarch butterflies, resting briefly trees during their annual migration south.

Two more aspects of the Ontario environment are thus captured for the multi-image color film to be featured in the Ontario pavilion at Expc 70. Producer-director-editor Chris Chapman retained a second time by the province to produce a film on Ontario for a world exposition, says that bears and butterflies apart, the new film will emphasize the people of Ontario.

Shooting began in the spring of 1968 and is expected to be completed by late 1969. Glimpses of the people of Ontario range from children at the Algoma Music Camp informally practising in the woods, to frivolous adults taking part in a Grey Cup parade in Toronto.

The film features Indians mimicking geese during a hunt, and newer Ontarians taking part in a joyous West Indies carnival in Toronto. There are the thrills of a fox hunt north of Newmarket and a snowmobile derby at Mosport... earnest participants in a highland games near Kingston and a fall fair at Sutton... a Lake Erie fishing derby, and a flight over Lake Superior.

In recording these and other moods of Ontarians, Chapman and his crew are using aircraft, snow vehicles, trucks, farm vehicles,

canoes and slogging footwork.

"I think we can tell the Orient about ourselves in a way that can be quite exciting and informative," Chapman believes. "The province will be presented in a manner different to what we would use for exclusive local presentation. In the process, I feel Ontarians may learn a little more of themselves."



With the Detroit skyline as a backdrop, Ontario fashions are paraded at a special showing in Windsor for U.S. buyers and delegates to a women's conference

OMAN

From all parts of Ontario they gather. The venue may vary from small town legion hall to ultra-modern city auditorium, but the dialogue they come to take part in has one central theme: woman power in the Ontario economy.

Conferences organized by the Women's Advisory Committee of the department focus attention on the role of women as chief purchasing agents for the province's family corporations. Women, it is estimated, spend or influence the spending of 80 cents of every retail dollar spent in Ontario on consumer goods. Where this money is spent has vital economic implications.

At 1968's conferences in Lindsay, Ottawa, Etobicoke, Oshawa, Orillia, Toronto, North Bay, Dryden, London and Windsor, more than 5,000 delegates were told of the added impetus they can give Ontario industry by buying Canadian goods when price and quality are comparable with imports. Assuring Canadian manufacturers of a sound domestic market means longer production runs, and enables more competitive exports. Buying Canadian also means new jobs for Ontarians.

Various speakers also reminded delegates of their responsibilities as consumers to maintain high standards of design: to inform manufacturers of short-comings in design or quality of goods, as well as their superiorities. As one manufacturer pointed out, many companies spend thousands of dollars in surveys to obtain

such information.

Sound budgeting, wise investment and how to ake advantage of tax concessions, were among other topics dealt with. Greater use of Ontario produce is another recurring theme. In discussions on the role of women in the labor force it vas pointed out that one-third of Canadian wonen work outside the home and that 60 per cent of working Ontario women are married.

Showings of Ontario fashions are a highlight of the women's conferences, most of which are held in conjunction with Shop Canadian Week

romotions



information services



Information Services won three more awards for its publications in 1968, bringing to 14 the number of promotional achievements awarded the branch in the past four years.

Ontario — Workshop of Canada, a 40-page color booklet promoting the province and its industrial and investment potential, won a superior award from the American Industrial Development Council, and an award of excellence from the Canadian Public Relations Society. A series of pamphlets on opportunities in various trades and professions in Ontario, produced for the Immigration Branch, also won an excellence award from the society.

Associated with all activities of the department, Information Services publicizes the services of all branches to the business and industrial communities and the general public. The branch also serves the Ontario Development Corporation, the Ontario Economic Council and Sheridan Park Corporation; and handles requests for information about the province from across Canada and many parts of the world.

Working through Ontario's overseas trade offices and Canadian trade representatives, the branch arranged details for press, radio and television coverage of 1968 Ontario trade missions as far afield as Australia and the Far East.

The branch also publicized Ontario trade exhibits in other countries and Ontario Unlimited promotions in the United States.

In 1968, Information Services produced 1 new publications and revised seven others, a six-fold color pamphlet produced in respons to a continuing demand from students an others for general information on Ontario's ir dustries and economy was published in Englis on one side and French on the other. Germa and French editions of the publication outlinin the province's Equalization of Industrial Opportunity program were produced for the Ontari Development Corporation.

Films produced in 1968 included a sever minute production on research activities a Sheridan Park and Ontario's involvement in the project. Television news clips included the ground-breaking ceremony for the Ontario payillon at Expo 70 in Osaka, Japan.

Information Services was responsible for arranging news coverage of the Metropolita Toronto and Regional Transportation Stud presentation, and the Ontario Economic Cour cil's tour of Northern Ontario. Visiting busines and financial editors from France, the Unite States and Yugoslavia were assisted in plannin itineraries, and accompanied to various industries by staff members.

Publications

Ontario Trade and Industry Services

Programs and activities of the Trade and Industry Division which serve businessmen and municipalities.

Three Roads to Profit

Ontario's unique profit opportunities in branch plants, manufacturing arrangements or joint ventures.

Dur Man from Ontario

How the businessman can take part in the Ontario government's sales opportunity mission organ to increase exports.

Ontario Industrial Review 1968

Work and accomplishments of the Ontario Department of Trade and Development.

Exporter's Guide

Export services for the Ontario manufacturer.

Valunicipal Industrial Development Guide

Industrial promotion at the community level.

Statistics for Profit

Statistics on Canadian imports from the U.S. and U.K., Canadian export opportunities, and abrication gaps in Canadian industry.

Intario Exports by Commodity

Intario Exports by Countries

Statistical summaries of Ontario's export chievements which point to new marketing portunities.

Intario Engineering Services Abroad

Intario government assistance to firms taking part in overseas engineering projects.

lotels for Export

he department's services to encourage Onario companies to build hotels in other counries and supply specialized equipment and ervices.

Vomen and the Economy

his Women's Advisory Committee pamphlet utlines how Ontario women can strengthen the conomy.

heridan Park Research Community

he operation, function and organization of Onpario's new research community.

he People Hunters

ow Ontario companies and agencies, unable of find sufficient skilled or professional personel locally, can recruit overseas through the epartment's Immigration Branch.

ntario - Workshop of Canada

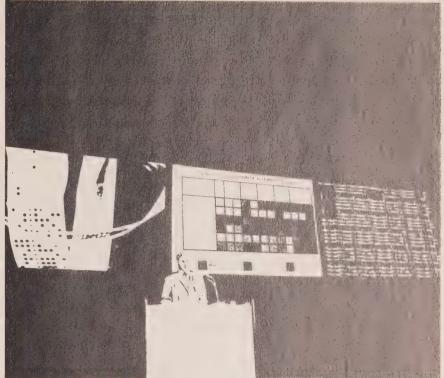
he province's economy, business and investent opportunities, its history, culture and sople.

ntario Reading Guide

listing of books and publications concerning e province's history, geography, natural repurces, industries and economy.

ntario Information

pamphlet introducing the province to prosbetive immigrants and others. Published in erman, Greek, Portuguese, Dutch, Spanish, Ingarian and French, Arrangements for news coverage of the Metropolitan Toronto and Regional Transportation Study presentation were made by Information Services.



Films

Ontario Today

Industry, recreation, and the people of Ontario are featured in this extensive tour of the province. Color, 28 minutes.

Design for Tomorrow

How the Ontario government assists the fashion and furniture industries to improve designs. Color, 13 minutes.

Big Deal

Animation and live action provide an entertaining analysis of the Ontario economy, emphasizing the importance of expanding both domestic and export markets, Color, 8½ minutes.

The Scientific Century

Research and its importance to man's wellbeing, portrayed during a visit to Sheridan Park Research Community, Ontario's "science city."

Color, 20 minutes.

Our Man from Ontario

How Ontario businessmen are increasing export sales by taking part in government-organized sales missions to many parts of the world. Color, 13 minutes.

A Place to Stand

A 16mm. version of the award-winning film produced for the Ontario Pavilion at Expo 67. This 17-minute color film is available on loan, or for sale, \$65 a print. Contact Special Projects and Planning Branch.

Ordering Films and Publications

Films are loaned to interested groups for the cost of return postage or express charges. There is no charge for publications.

Available from:

Information Services
Department of Trade and Development

950 Yonge Street

Toronto, Ont. Canada

Phone 365-5466 Area Code 416

Sheridan Park Research

... where science improves

In the best tradition of building a better mousetrap and the world beating a path to your door, nine companies at Sheridan Park Research Community, west of Toronto, are striving to do their own particular thing.

"Things" range from developing nuclear reactors and bouncier golf balls, to safety testing of drugs and producing batteries for prompt winter start-up. It's all in the cause of industrial research to improve Ontario products and processes.

Sheridan Park, comprising 350 acres of planned campus-like parkland, is Canada's first concentration of research scientists and technologists working for various companies and institutions at the one location. Representing \$34,400,000 investment in modern research laboratories and facilities, the community employs some 1,600 scientists, engineers and supporting personnel.

Modern research buildings at the park are set amidst lawns, flower beds, trees and shrubs. Specially designed street-lighting and illuminated pools and fountains lend another mood

All research at Sheridan Park has one basic objective: to keep Ontario companies competitive in world markets. This includes developing new or improved products or cost saving processes, increasing production, and greater utilization of Canada's natural resources.

Cross fertilization of knowledge and resources between the various research centres is a basic tenet in the concept and planning of Sheridan Park. The exchange of ideas, materials and use of facilities is on a formal and informal basis.



Sheridan Park's strategic location, 17 miles from Toronto, also enables easy access by staff to the specialized knowledge available at other laboratories, institutes or universities in the area. Seven universities, for instance, are within a two-hour drive.

Development of Sheridan Park Research Community began in 1963. Sheridan Park Corporation, a provincial Crown agency, sells the fully serviced land on a non-profit basis. Available sites are a minimum of three acres. In all, 70 per cent of the park was developed at the

Sheridan Park Association, comprising the nine companies established in the community. is responsible for maintaining standards of physical development of the community and providing scientific, technical and administrative liaison among members. The association administers Sheridan Park Square, a new \$500,000 conference-commercial complex opened in 1968.

The complex offers retail, banking, restaurant, computer and medical services for the park's tenants. Plans call for the addition of office facilities at the site. An introductory course on computers for employees of companies at Sheridan Park was held at the conference centre during the year, and a film festival featuring the world's top science films was launched.

During the year, Sheridan Park Association compiled and presented a brief concerning taxation and research and development to the senate committee studying Canada's science policy. Representation was also made to the provincial treasurer recommending changes in provincial and municipal taxation applying to the research and development industry.

Extending the community's industrial, scien tific and educational contacts, Sheridan Par Association is in liaison with 100 industria firms, universities and educational institution who have asked to be advised of events in the park.

Nucleus of the community is the Ontari Research Foundation, the largest independent non-profit research organization of its type i Canada. It assists large and small industrie and government agencies by applying scientifi know-how to solving technical problems. OR maintains a wide variety of sophisticated scien tific and testing equipment, and provides technical information service on behalf of th National Research Council.

Under the sponsorship of the Ontario De partment of Trade and Development the founds tion provides in-plant field engineering service to Ontario companies. It also provides technica advice and evaluations of ideas for the Ontari

Development Corporation. The 1968 grant from the Ontario governmen for these purposes was \$180,000. Project ranging from material selection and produc design to plant layout and manufacturing er gineering were carried out by ORF represent tives on 834 visits to Ontario plants during th year. A total of 4,527 detailed requests for information by companies were answered ar 88 studies were made for the Ontario Develor ment Corporation into new products and manfacturing processes.

Companies with facilities at Sheridan Pa and some of their activities:





Cominco's Product Research Centre is the argest facility of its kind exclusively devoted or research on end uses for lead and zinc. It is an important addition to the research and echnical facilities which help Cominco mainain its position as the world's largest profucer of refined lead and zinc.

The centre's facilities include corrosion and hemical analysis labs, metallographic facilies, design offices, mechanical testing equipnent, a sound test chamber, x-ray defraction nit, a creep station room, a metal finishing aboratory and a technical library. The laboraty's computer centre is programed to assist variety of research projects and maintains

fficient project records.

A 6,000 square foot metal workshop for pilot lant research and fabrication is connected to the main two-story building. Facilities include xtrusion presses, a die casting machine, a alvanizing line, metal melting and alloying quipment a semi-continuous zinc billet caster.

nd cutting equipment and a machine shop.

Significant new products and applications ave been developed at Cominco's Product tesearch Centre since its inception in 1964. fany have been carried to the pilot plant tages. New alloys for extruding zinc have een perfected, and a press produces zinc xtrusions on a semi-commercial basis. A spries of special zinc forging alloys has been eveloped and produced for test marketing in the forging industry.

lead sheet continuous caster, billet cropping

The centre developed Sheald continuous ast thin lead sheet, which is now in compercial production. The new decorative metal roduct, Decraloy, also researched and persected at the centre, is a textured metal coating n steel developed specially for use in interior esign.



Atomic Energy of Canada Ltd.

AECL's Power Projects is responsible for the design, development and management of nuclear power stations. The 200,000-kilowatt Douglas Point Nuclear Power station, near Kincardine, Ont., Canada's first full-scale nuclear power station, was designed and built by AECL's Power Projects and is operated by Ontario Hydro.

Projects under way are the design of the nuclear portions of India's 400,000-kilowatt Rajasthan Atomic Power Project, a near duplicate of the Douglas Point station; the design of the nuclear portions of the 2,000,000-kilowatt Pickering Generating station, east of Toronto; the design and management of the 250,000-kilowatt Gentilly Nuclear Power station near Bécancour, Que.; the design of the nuclear portions of the 3,000,000-kilowatt Bruce Generating station and the building of an 800-ton a year heavy water plant, both of which are adiacent to the Douglas Point station.

AECL's Power Projects is also responsible for the management of the Nelson River transmission line under construction in Manitoba. Total value of these projects is approximately \$2,000,000,000. Support for all design work is provided by the adjacent power projects development laboratory at Sheridan Park.



Abitibi Paper Co. Ltd.

Paper and wood product research programs at the Abitibi Research Centre serve the company's operations in both Canada and the United States. Embossed panelboards, exterior house siding and new grades of paper are among products developed.

Research and production personnel worked closely during the year in introducing a continuous digester system at the Sturgeon Falls mill. Studies are continuing on mill bleaching systems, and further development of newsprint for web offset printing. Extensive mill-oriented studies are under way on panelboard finishing systems.



Dunlop Research Centre

Dunlop's Research Centre keeps the company abreast of new developments in science and technology in relation to its various fields of manufacture. It is the company's only research establishment in North America.

Concentrating on the preparation and properties of new rubber, plastics and related products, the centre — like other Dunlop research centres in Britain, Germany, Ireland, Japan and Malaya — carries out original research chosen because of the availability of special materials or skills, or by proximity to sources of new techniques.



International Nickel Co. of Canada Ltd.

Seeking better and more efficient processes for extracting nickel and other metals from ore is the prime function at INCO's J. Roy Gordon Research Laboratory, named after a distinguished Canadian scientist and former president of the company.

Process research and innovation are extending Canada's natural resources by enabling the company to recover nickel and 14 other elements from low-grade ores which were considered rock only a few years ago. Development of improved exploration techniques and basic studies on the origin of various ores are also carried out.



Ontario Research Foundation

The Ontario Research Foundation conductoresearch and development for industry all government on a contract basis. Projects a handled on request. The foundation also brinto the attention of industry and governme agencies research opportunities which promit economic or social benefits.

Projects undertaken at Sheridan Park ran from short-term investigations and feasibil studies, through product and process develoment, to long-range fundamental scientific vestigations. Research covers such broad are as engineering and metallurgy, chemistry, fudamental and applied physics, textile scient applied microbiology and physiography.



arner-Lambert Research Institute Canada Ltd.

afety testing of new drugs, including studies ensure that their benefits are not offset by armful side effects, are the mainstay at the arner-Lambert institute. Part of the worldide research activities of the New Jersey-adquartered company, work at Sheridan ark includes clinical studies on humans in operation with Canadian universities and spital research teams, and prolonged Servation studies on animals under strictly antrolled conditions.

A seven-year contraception study and a fivelar research program in conjunction with the ational Research Council into the effects of rious drugs on the liver are among projects der way. The institute is also concerned with eveloping improved techniques for testing pro-



Gulf Oil Canada Ltd.

Gulf's Sheridan Park laboratory is concerned with research and development of petroleum, petrochemical and chemical products and processes.

It is a fully integrated facility capable of studying petroleum and petroleum-related products from the crude oil stage to finished products. The laboratory utilizes experimental pilot plant equipment, modern research and development techniques and performance testing facilities. The analytical laboratory, one of the finest in Canada, provides constant backup and consultative assistance to the scientist and engineers responsible for the development of products and processes.

Gulf Canada (formerly the British American Oil Co. Ltd.) was the first to establish in Sheridan Park and each year has added personnel and equipment to ensure that the company's products meet the requirements of the Canadian market.



Mallory Battery Co. of Canada Ltd.

The Mallory résearch laboratory, the smallest in Sheridan Park Community, is the only laboratory physically affiliated with a manufacturing operation. This arrangement enables the guiding of new products from invention through development stages to pilot plant production.

Two new processes were launched in this way in 1968, including a new method of making highly porous battery electrodes with a remarkable ability to operate at low temperatures. These have a decided advantage during Canadian winters. The other process provides a means of simplifying the lengthy, and expensive production of battery cathodes from finely divided powder mixtures.

Patent applications have been filed on these processes, and others still under development. During the year, three patents were issued on inventions made in the laboratory in previous years. In September 1968, scientists from the laboratory presented a paper on recent research discoveries at the Sixth International Power Sources Symposium in Brighton, England. This was the first contribution by a Canadian industrial research laboratory since the inception of the symposia.

The Mallory laboratory has several projects under way involving new sources of electrochemical power. The main objectives are reduction of battery size and weight, and extension of present battery performance to still lower temperatures. At the same time, new uses for the improved batteries are being sought.

An emergency thermostat power supply was designed in 1968 to ensure adequate home heating during winter power failures. Negotiations began with provincial authorities to provide low temperature batteries for barricade flashers at highway construction sites.

Projects such as these, while begun to meet specifically Canadian requirements, often prove to have international significance. The same type of battery used in a roadside flasher for instance, may ultimately power signals from a satellite.

anteria economic counci

Six major research studies by the Ontario Economic Council in 1968 concentrated on subjects as diverse as taxation and water pollution.

Scope of the 20-member council, a socioeconomic advisory group, was extended by new legislation during the year. Continuing to report to the Ontario Cabinet through the Minister of Trade and Development, the council may also make recommendations to individual members of Cabinet on specific topics, instigate its own studies into areas it considers of concern, and establish committees to carry out specific projects.

The Ontario Economic Council is responsible for liaison with the Economic Council of Canada and other groups studying socio-economic matters, and is authorized to conduct seminars and conferences to create greater awareness and understanding among Ontarians of socio-economic issues. It continues primarily as a voluntary organization through which representatives of commerce and industry, agriculture, organized labor, education, finance and government, pool their knowledge and experience of economic affairs.

Research and reporting activities in 1968

-Transfer taxation, its effect on productivity and the control of the economy

-Regional government, in relation to citizen comprehension and control.

-Natural resource development, particularly in Northern Ontario.

-Provincial government programs, particularly setting out for council members the services

-Water pollution in resort-cottage areas.

For the fourth successive year senior members and advisers of the Economic Council of Canada met with the Ontario Economic Council in Toronto. Among matters discussed was the ECC's fifth annual review, with emphasis on questions of federal and provincial areas of jurisdiction in social policy and regional devel-

During the year council members and staff toured industrial and resource developments in Northern Ontario including mining, smelting, forestry, manufacturing, transportation, education and hydro operations. Informal discussions on northern development were held with local groups in the Lakehead, Red Lake-Balmerton, Kapuskasing, Fraserdale, Moosonee, Moose Factory, Onakawana, Cochrane, Timmins and Sudbury.

Publications produced by the council during the year included the report on transfer taxes and their effect on productivity and control of the economy, and the 1968 Research Index. The index lists research projects by Ontario government departments and agencies and a number of private companies, in the fields of agriculture, architecture, chemistry, earth sciences, engineering, forestry, life sciences and physics. The 1968 Research Index includes, for the first time, a summary of industrial research

Of OEC's \$227,000 budget for the fiscal year ending March 31, 1969, expenditures approximated: staff salaries 43.6 per cent, research and special studies 38.7 per cent, consultants fees 4.4 per cent, travel expenses 4.4 per cent, printing and stationery 3.0 per cent, committee expenses 2.2 per cent, miscellaneous 3.5 per

The Ontario Economic Counci

David B. Archer, Toronto, president, Onta Federation of Labor. Stuart W. Clarkson, deputy minister, Onta

Department of Trade and Development. W. H. Cranston, Toronto, (chairman).

J. D. Gibson, Toronto, president, Canadian insurance Co.

R. G. Hill, Toronto, regional director, Inter tional Union of Operating Engineers. Oakah L. Jones, Toronto, chairman of the bo

and president, Consumers' Gas Co. S. H. Lane, Ontario Agricultural Colle Guelph.

Purvis Littlejohn, Highgate, former vice-pri dent, Ontario Federation of Agriculture. lan F. McRae, Toronto, Ontario Hydro comm

R. R. Menzies, Bothwell, past president, Onto Regional Development Council.

J. H. Moore, London, president, John Lal C. G. Munro, Embro, president of the Onto

and Canadian federations of agriculture. Mrs. A. F. Plumptre, Toronto, president, Var Institute of the Family.

Larry Sefton, Toronto, director, District

United Steelworkers of America.

G. H. Sheppard, Toronto Industrial Comr

W. H. Spicer, Fort William, vice-chairman of Confederation of Applied Arts and Technology W. R. Stadelman, president, Ontario Resea

Foundation, Sheridan Park. R. B. Taylor, vice-president and treasurer, \$

Co. of Canada Ltd., Hamilton. W. Roy Thompson, Kirkland Lake, indus commissioner, Ontario Northland Railway. W. D. Wood, director, industrial relations of

tre, Queen's University, Kingston.

Ontario Economic Council Publications

Expanding Employability in Ontario. (\$2.00) An assessment of the federal-provincial program for training and raising the skills of the unemployed, and its implications for government, business and labor.

Government Reform in Ontario. (\$2.00) A concept for government in Ontario, resulting from an OEC study.

Transfer Taxes: Their Effect on Productivity and Control Of Our Economy (\$3.00)

The Impact of Layoff and Recall at Ford-Windsor. (\$2.00)

An examination of the effect on employees of the Ford foundry and engine plants with the reorganization of production facilities arising from the Canada-United States automotive trade agreement.

Assessing Educational Requirements for Skillpower. (\$2.00)

A study to determine how five representative manufacturers and three service businesses in Ontario viewed the forward educational requirements of their employees between 1965 and 1970.

Skill Acceleration, (50¢)

An examination of how 17 growth companies have coped with the problem of raising emplovee skills.

1968 Research Index. (No charge.)

The third edition of a research index setting out current research projects within government People and Land in Transition, (\$1,00)

A study of opportunities for resource development on rural Ontario's marginal and abandoned acres.

Ontario's Tourist Industry - Its Potentials and Its Problems (\$2.00)

An evaluation by OEC's Tourist Industry Com-

Why Where How-and Would They Do It Again? (\$1.00)

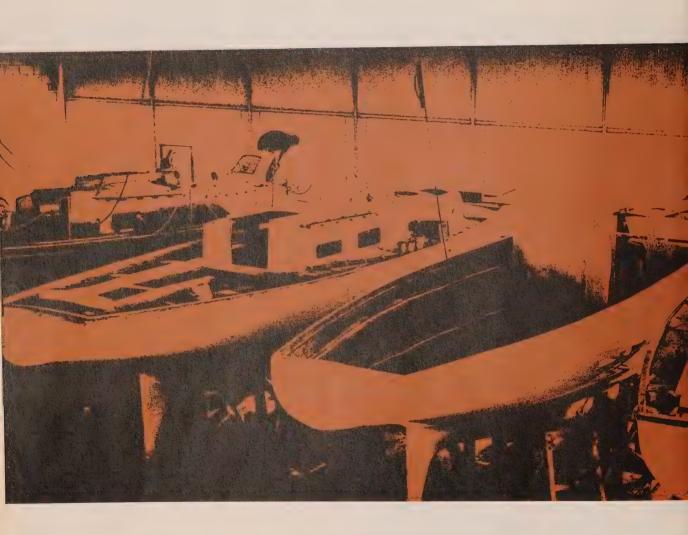
A review of the site selection process and subsequent experience of 42 industries locating in Ontario's smaller centres.

Available from: Ontario Economic Council 950 Yonge Street Toronto 285, Ontario Phone 365-4315









Ontario companies

hirty-six Ontario companies extended their nanufacturing know-how and services to 11 ountries in 1968, opening branch plants in he U.S., Europe and the Caribbean or authoring companies in these areas to manufacture neir products under licensing arrangements. roducts involved range from boating accesories and building materials, to shoes and ewer cleaners.



Branch Plants

The names of Ontario companies are followed by those of the new companies and products: Aqua Marine Manufacturing Ltd., Toronto/Aqua Marine Manufacturing (U.K.) Ltd., Eastleigh, England—boating accessories Aqua Marine Manufacturing Ltd., Toronto/Société Nouvelle Internationale. Paris, France-boating accessories Aqua Marine Manufacturing Ltd. Toronto/Aqua Marine Inc., Detroit, Mich.boating accessories Bata Shoe Co. of Canada, Trenton/Oscaria Skofabrik AB. Orebro, Sweden-shoes Beautiline Ltd., Weston/Beautiline S.A., Nivelles, Belgium-store fixtures Daal Specialties Ltd., Windsor/ John Robbins Seat Belt Co., Dublin, Eire-belts Dustbane Enterprises, Ottawa/New Romney Manufacturing Co. Ltd., New Romney, England-cleaning supplies and equipment Dustbane Enterprises Ltd... Ottawa/Dustbane Enterprises Ltd... Kent, England-scrubbers and polishers Electronic Controls Ltd.. Belleville/Electrolab Corp. Liverpool, N.Y.-electronic controls Emco Ltd., London/Wheaton Inc., Union, N.Y.-products for petroleum industry Flex-O-Lite of Canada Ltd., St. Thomas/Flex-O-Lite Europa GmbH., Recklinghausen, Germany—glass beads FPE Pioneer Electric Ltd., Toronto/ Federal Pacific Electric Caribbean Ltd., Kingston, Jamaica-electrical distribution and control equipment Graphico Precision Works, Scarborough/ Graphico Precision Works Ltd., Berlin, Germany-printed circuits and instrument Helmac-Roth Ltd., Thornhill/Helmac-Roth (U.K.) Ltd., Monmouthshire, Wales-grooming M. Loeb Ltd., Ottawa/M. Loeb Corp. of Chicago -food products Ian Martin Associates, Toronto/Ian Martin Associates, Nassau, Bahamas-engineering Ontario Store Fixture Co., Toronto/ Ontario Store Fixture Co., Nassau, Bahamashotel equipment Rio Lumber Ltd., Toronto/Rio Lumber Ltd., Düsseldorf, Germany-lumber and building Wade International Ltd., Don Mills/Wade International GmbH., Düsseldorf, Germanysanitaryware Western Controls Ltd., Toronto/Western

Controls Inc., Willoughby, Ohio-electric

Ontario companies and the foreign firms liprocesses or provide their servic Canada Dry Ltd., Toronto/Haser: Braeu, Augsburg, Germany—bottling products Carillon Lighting Ltd., Toronto/Coneral Plastics Corp., Marion, Ind. -lighting products Cordex Ltd., Ottawa/Pakord Ltd. Basingstoke, England-tycord siring Footwear Fashions Ltd., London Ranick Ltd., Athens, Ga.-slippers Glazed Finishes Ltd., Toronto/Sweyd-Brick Works, Stoke-on-Trent, England - glazed bricks Heywood-Wakefield Co., Oriffia/Coach and Car Equipment Corp., Elk Grove Village, I'l. -coach and car products Huntington-Rockford Corp. Don Mills/ Internationale Betriebsberatung 4, ustria/ programming consulting venture Juhlke Thuro Ltd., Beamsville/ Har.ger Engineering Ltd., Warwick, England -sewer Keenan Industries Ltd., Owen Set art/ American Oak Preserving Co., North Judson Ind,—florist sticks Le Page's Ltd., Toronto/Stacote finishes Ltd., Kingston, Jamaica-adhesives Mansfield-Deaman General Ltd , Welland/ Ebonite Container Co. Ltd., London Englandauto, bus and truck tires. Meyer's Wire Products Ltd. Cooksyi's Palco Products, Worcester, Mass. propercamp stoves Nicholson Building Components Ltd. Burlington/T. Krebbers oHG.. Krefeld Germany-sashless windows Orenda Ltd., Malton/U.S.I. Engineering Ltd. Warrington, England-chemical equintinum Parker Brothers Games Ltd., Toronto/ John Waddington Ltd., Leeds, England-games Sentinel Aluminum Products Ltd., Don Mills Alcana Raren S.A., Brussels, Belgium aluminum windows Steadman Industries Ltd., Rexdale/ Universal Bulk Handling Equipment Ltd., Burscough. England-railtainer system Tridon Manufacturing Ltd. Burlington/Manxueros y Accessorios Industriales S.A., Mexico City-stainless steel gear clamps Wrap-O-Matic Machinery Co. Ltd., Scarborough/Norris Bros. (Reading) Ltd Reading, England-wrapping machines

Licensing Arrangements

Marketing Abroad

Ranging the world in their quest for new export sales from Australia to Austria, and from Singapore to Sweden, 211 Ontario companies took part in 25 sales missions sponsored by the province in 1968. The missions, and companies taking part:

Los Angeles - January 21

Truck Engineering Ltd., Woodstock Essex Packers Ltd., Hamilton Edson Machinery Ltd., Hamilton Muirhead Instruments Ltd., Stratford Philips Electronic Industries Ltd., Toronto McLarens Foods Ltd., Hamilton Graphico Precision Works Ltd., Scarborough Colonial Cookies Ltd., Kitchener Standard Modern Tool Co. Ltd., Toronto

United Kingdom-February 1

E & A Gunther Co. Ltd., Brantford
The Holes-Webway Co. of Canada Ltd., Weston
Millbrook Industries Ltd., Millbrook
Klassen Bronze Ltd., New Hamburg
Lifetime Decoratives Mfg. Ltd., Downsview
Fabricushion Ltd., Toronto
Gemcraft Ltd., Toronto
Vanam Associates Ltd., Toronto
Samsonite of Canada Ltd., Stratford
Voyageur Emblems Ltd., Alliston

Chicago-February 2

Canada Skate Mfg. Co. Ltd., Kitchener Curl-Master Brooms Ltd., Port Elgin Eagle Tie Machine Co., London Tropicana Swimming Pools Ltd., Oshawa Kaufman Footwear Ltd., Kitchener Myers Wire Products Ltd., Cooksville Wellinger & Dunn Ltd., Toronto Werlich Industries Ltd., Preston Hespeler-St. Mary's Wood Spec. Ltd., Hespeler Aqua-Marine Mfg. Ltd., Toronto Dentor Enterprises Ltd., Toronto

Germany-February 11

Boyd-Crane Mfg. Ltd., Downsview
George Cluthe Mfg. Co. Ltd., Waterloo
Everingham Bros. Ltd., Toronto
Nortex Products Ltd., Toronto
Klassen Bronze Ltd., New Hamburg
Androck Ltd., Watford
Dustbane Enterprises Ltd., Ottawa
Pro-Hardware (Canada) Ltd., London
Lite Metal Products Ltd., Cooksville
J. R. Clark Co. of Canada Ltd., Port Credit

New York-March 3

Copaco, Barrie

Ontario Tobacco Co. Ltd., Toronto
Hollandia Bakeries Ltd., Mount Brydges
Shopsy's Foods Ltd., Weston
United Dairy Co-operative Ltd., Weston
H. B. Balmer Ltd., Georgetown
Imperial Food Products Ltd., Leamington
E. D. Smith & Sons Ltd., Winona
Strathmore Kitchens Ltd., Toronto

Venezuela, Colombia, Peru, Ecuador-March 8

Can-Eng Manufacturing Ltd., Niagara Falls McPhar Geophysics Ltd., Don Mills Deloro Stellite Smelting & Refining Co. Ltd., Belleville Urethane Products of Canada Ltd., Cooksville Stark Electronic Instruments Ltd., Ajax Simplicity Products Ltd., Hespeler N. Slater Company, Hamilton

Italy, Greece, Turkey, Austria-March 22

Babcock-Wilcox & Goldie McCulloch Ltd., Galt Canada Packers Ltd., Toronto Roy W. Emery Ltd., Toronto TMC (Canada) Ltd., Ottawa H. J. Langden & Sons Canada, Weston Empire Tent Trailer Mfg. Ltd., Breslau

United Kingdom-April 17

Knape & Vogt of Canada Ltd., Rexdale Chinook Chemicals Corp. Ltd., Sombra Stevenson Sales Company, Weston Alda Instruments Ltd., Toronto Jaro Manufacturing Co. Ltd., Woodstock Kemp Products Ltd., London Caldwell Linen Mills Ltd., Iroquois Levesque Plywood Ltd., Hearst De Zurik of Canada Ltd., Galt

Cleveland - April 22

McAleer Manufacturing Co. Ltd., Toronto Mintex Federal Ltd., Rexdale Master Mechanical Mfg. Ltd., Weston Wayne Forge Ltd., Toronto Sauna Company of Canada, Rexdale Leslie Wise Furriers Ltd., Toronto

United Kingdom-May 9

Richmond Hill Laboratories Ltd., Scarborough Ferritronics Ltd., Richmond Hill Nash & Harrison Ltd., Ottawa Advanced Transducer Systems Ltd., Toronto Garrett Manufacturing Ltd., Rexdale Muirhead Instruments Ltd., Stratford O & W Electronics Ltd., Don Mills Industrial Control Systems Ltd., Scarborough George Kelk Ltd., Don Mills Precision Electronic Components Ltd., Toronto R. C. Ward & Co. Ltd., Scarborough Barringer Research Ltd., Rexdale

New York-May 21

Universal Sections Ltd., Scarborough McLarens Foods Ltd., Hamilton Belt Mfg. Co. of Canada, Toronto J. M. Schneider Ltd., Kitchener Cultique Marble Products, Rexdale Metalsmiths Co. Ltd., Toronto Omstead Fisheries 1961 Ltd., Wheatley W. K. Art Studio Ltd., Toronto Tic Toc Baby Wear Co., Scarborough

Boston-June 3

Pathex (Canada) Ltd., Don Mills R. D. Laing & Co. Ltd., Toronto Neo Companies, Hamilton General Metallic Parts Ltd., Toronto Precision Engraving Co. Ltd., Toronto The Baldrive Co., Galt W. & H. Voortman Ltd., Burlington

Chicago-June 16

Stone Straw Corp. of Canada, Toronto Contemporary Distribution Ltd., Toronto Insertia Liners Co. Ltd., Port Credit Grose Welding, Alma Milmar Magnesium Equipment, Toronto Foley Potteries Ltd., Hamilton Pilef Machinery & Wire Products, Toronto

Germany, France, Belgium, Holland – June 21
Measurement Engineering Ltd., Arnprior
Champlain Power Products Ltd., Toronto
Opal Manufacturing Co. Ltd., Toronto
Aqua Marine Mfg. Ltd., Toronto
Knud Simonsen Industries Ltd., Rexdale
Northern Pigment Co. Ltd., Toronto
Brevel Products Ltd., Scarborough

Australia, New Zealand, Fiji, Philippines, Japan, Hong Kong, Malaysia, Singapore, Thailand – August 30 Kroy Unshrinkable Wools Ltd., Toronto

Canadian Seating Co. Ltd., Toronto
Dobbie Industries Ltd., Galt
Gulley Company Ltd., Scarborough
Amerock Ltd., Meaford
The Lufkin Rule Co. of Canada Ltd., Barrie
Delamere & Williams Co. Ltd., Toronto
Certified Automotive Products Ltd., Rexdale
Melnor Manufacturing Ltd., Brantford
Shaw-Almex Industries Ltd., Parry Sound
Delhi Industries, Delhi
Crosman Arms Canada Ltd., Dunnville
Guildline Instruments Ltd., Smiths Falls

Finland, Sweden, Norway, Denmark-Octobe

Worthington (Canada) Ltd., Brantford
Progressive Laboratories Co., London
Gulley Company Ltd., Scarborough
Centaur Manufacturing Co. Ltd., Richmond F
Eastern Geophysics Ltd., Toronto
Winliz Instrumentation Ltd., Brantford
Gidon Industries Ltd., Rexdale

Yugoslavia, Czechoslovakia, Hungary, Rumania, Bulgaria – October 4

Bowmar Canada Ltd., Ottawa

Howards & Sons (Canada) Ltd., Cornwall Boyles Industries Ltd., Orillia Inspiration Ltd., North Bay Geonics Ltd., Toronto Canadian Research Institute, Don Mills Fibre Conversion Ltd., Toronto



Germany - October 17

agle Tie Machine Co., London

CM Division Levy Industries Ltd., Weston
Nortex Products Ltd., Toronto
Copper-Weeks Ltd., Toronto
Imperor Tent & Trailer Mfg. Ltd., Breslau
Canadian Coleman Co. Ltd., Toronto
Inchery Craft Co. Ltd., Toronto
Ingonquin Blanchard Ltd., Toronto
Inglo Traders Ltd., Toronto
Inglo Traders Ltd., Toronto

hicago-October 21

rim-Line Connectors Ltd., Weston
recision Data Cards Ltd., Toronto
dultiframe Ltd., Richmond Hill
farketing Consultants International, Willowdale
rimo Macaroni Company, Weston
lominion Luggage Co. Ltd., Toronto
lwig Wood Products, Durham

Jamaica, Bermuda, Barbados, Puerto Rico, Trinidad – October 22

Chatham Beans Ltd., Chatham
Dessert Wagon Foods, Simcoe
Ontario Tobacco Co. Ltd., Toronto
Agincourt Foods Ltd., Agincourt
Essex Packers Ltd., Hamilton
Toronto Carpet Mfg. Co. Ltd., Toronto
Central Store Fixtures & Furniture Mfg. Co. Ltd.,
Toronto
Canadian Curtis Refrigeration Ltd.,

Stoney Creek
Medland Enterprises Ltd., Toronto
Amco Products (Canada) Ltd., Toronto
Garland Commercial Ranges Ltd., Toronto
Webb Zefara & Mekes. Toronto

Cleveland-October 27

Progressive Laboratories Ltd., London Canadian Acme Screw & Gear Ltd., Toronto Service Truck Cushion Ltd., Toronto Wilson Motor Bodies Ltd., Burlington Walinga Body & Coach Ltd., Guelph Shuttleworth Moulded Products Ltd., London R. Laidlaw Lumber Co. Ltd., Weston Automotive Hardware Ltd., Toronto

Los Angeles - November 3

Brantford Precision Ltd.. Brantford M.C.C. Precision Products. Burlington Lightning Circuits, Niagara-on-the Lass Scepter Mfg. Co. Ltd., Don Mills Dominion Magnesium Ltd., Toronto Frank T. Ross & Sons (1962) Ltd., West Hill Sklar Div., Stancor Ltd., Whitby General Metallic Parts Ltd., Toronto

United Kingdom - November 7

Safety Supply Co. Ltd., Toronto
Emco Ltd., London
Bay Mills Ltd., Midland
Juhlke Thuro Ltd., Beamsville
Flex-O-Lite of Canada Ltd., St. Thomas
De Zurik of Canada Ltd., Galt
Dustbane Enterprises Ltd., Ottawa
Milmar Magnesium Equipment Co., Toronto
Wayne Sweeper Mfg. Canada Ltd., Bramalea

Atlanta - November 17

Aircraft Appliances & Equipment Ltd., Rexdale Imaginations Ltd., Mississauga Balthes Farm Equipment Mfg. Ltd., Tillsonburg Campbell Machinery Ltd., Kitchener Trump Hydraulics Ltd., Brampton Artistic Woodwork Co. Ltd., Toronto

Chicago-December 2

Canadian Office & School Furniture Ltd., Preston Phoenix Paper Products Ltd., Weston Polygon Services Ltd., Toronto Rapid Grip & Batten Ltd., Toronto Rosedale Plastic Containers Ltd., Toronto Steel Art Company Ltd., Scarborough

New Manufacturing Establishments



COMPANY	LOCATION	ORIGIN
Actex Drives Limited	Preston	Canada
Pulleys and V-belt drives		
Advanced Extrusions Limited Aluminum extrusions and mandrels	Penetanguishene	Canada
Aeco Metals Limited — Tire Mold Division Tire moulds	Brantford Township (Cainsville)	United States
Aer-O-Cor Limited Furniture pads, appliance covers and sleeping bags	New Hamburg	Canada
Albert Steel Company Specialized steel fabrication	Guelph	Canada
Allcoat Limited Industrial coatings and finishes; pre-coated metal paints	Metropolitan Toronto	Canada
Allied Chemical Canada Ltd. Sulphur	Falconbridge	Canada
Allied Chemical Canada Ltd., Fabricated Products Division Nylon film for packaging	Belleville	Canada
Ambassador Tool and Die Limited Tools, dies, jigs and fixtures for auto industry	Windsor	Canada
Anema Farm Equipment Ltd. Farm machinery	Paris	Holland
Arctic Enterprises Inc. Winter sportswear	Rainy River	United States
Armstrong-Jones Limited Silencers; material handling equipment	Metropolitan Toronto	Canada
Astro Limited Yarn processing	Hawkesbury	Canad
Bayside Manufacturing Industries Limited Custom machine work	Collingwood	Canada
Beaver Lumber Company Ltd. Prefabricated home components	Esquesing Township (Milton)	Canada
Berkeley Pump Co. (Canada) Ltd. Pumps and water systems	Ajax	United State
Besner, J. A., and Sons Limited Boys' outerwear	Cornwall	Canad
Big "O" Drain Tile Company Limited, The Plastic drainage tubing	Hay Township (Hensall)	Canad
Boa Engineering Limited Plastic food containers; chemical specialties	Tillsonburg	Canad
Boston Sails Limited Boat sails	Point Edward	Canad
Cable-Tech Wire Company Limited Plastic cable	Stouffville	Canac
Campbell Soup Company Ltd. Poultry processing	Blanshard Township (Rannoch)	Canac
Canada Foils, Limited, Metal Products Division Aluminum strip products	Bracebridge	Canac
Canadassco Appliance Parts Limited Replacement parts for washers and driers	Windsor	United State
Canadian Ferro Hot Tops Limited Hot top components	Saltfleet Township (Stoney Creek)	United State

The following 153 new manufacturing establishments were among the major firms entering secondary manufacturing in Ontario in 1968. Companies listed employ at least 10 persons, occupy 5,000 square feet of manufacturing or assembly space, or have sales exceeding \$100,000 annually.

of flave sales exceeding \$100,000 annually.		
COMPANY	LOCATION	ORIGIN
Canholla Manufacturing Limited Travel trailers, mobile homes, houseboats and pretab housing	Petawawa Township (Pembroke)	Canada
Canron Limited, Tamper Electrical Division Electric motors	Napanee	Canada
Chemline Services, Division of Dunlop Canada Limited Rubber linings and coatings	Centralia	Canada
Chrysier Canada Outboard Ltd., Boat Division Fibreglass boats	Barrie	United States
Circle F (Canada) Limited Electrical wiring devices	Metropolitan Toronto	United States
Clay Equipment Corporation Farm equipment	Georgetown	United States
Cleveland Twist Drill (Canada) Ltd. Cutting tools	Metropolitan Toronto	United States
Coca-Cola Limited Beverage bases	Brockville	Canada
Colormatic Dyeing and Printing Co. Printed Clothing	Hawkesbury	Canada
Comco Metal Products Limited Automotive stampings	Orangeville	Canada
Crane Canada Limited Vitreous china sanitary equipment	Trenton	Canada
CrownFab of Canada Limited Truck sleeper-type cabs	Mississauga (Clarkson)	United States
Crystaplex Plastics Limited Industrial plastics and plastic fabrication	Mississauga (Cooksville)	Canada
Data Factors Limited Pressure sensitive labels and other types of labels	Metropolitan Toronto	Canada
Daymond Company Limited Plastic plumbing fittings	Centralia	Canada
Descan Lumber Industries Limited Roof and wall sections for building industry	Bolton	Canada
Dominion Electric Protection Company Electric protection alarm systems	Metropolitan Toronto	Canada
Dresser Measurement Division, Dresser Industries Canada Ltd. Gas metres	Metropolitan Toronto	United States
Drum Rings Limited Drum ring closures	Mississauga (Cooksville)	Canada
Dunlop Canada Limited Bicycle tires and tubes	Centralia	Canada
Duplate Canada Limited Car windshields	Hawkesbury	Canada
Du Pont of Canada Limited, Films Division Polyolefin tapes and fabrics	North Bay	Canada
Duraform Concrete Systems Limited Concrete forming equipment	Metropolitan Toronto	United States
Eben-Ezer Organ Company Pipe organs	New Hamburg	Canada
Eber-East Products Limited Automotive closure devices, locks and hinges	Tillsonburg	United States



COMPANY	LOCATION	ORIGIN
Elliott Rubber and Plastics Limited Plastic fabrication	Sudbury	Canada
Enercon Limited Commercial lightweight aggregate	Mississauga	Canada
Faragher Lumber Lumber; pallets	Rainy Lake (Fort Frances)	Canada
Fermodyl Canada Limited Cosmetics and hair preparations	Mississauga (Cooksville)	United States
Ferplas Industries Limited Plastic twine and strapping	Centralia	Canada
Flick-Reedy (Canada) Limited Pneumatic and hydraulic cylinders	Mississauga (Cooksville)	United States
Fox, E. S., Limited Sheet metal fabrication	Kingston	Canada
Frajan Shoe Company Limited Footwear	Guelph	Canada
Gilbarco Canada Limited Heating equipment	Brockville	Canada
Graham Manufacturing (Canada) Limited Heat exchangers, vacuum pumps and condensers	Fort Erie	United States
Gravenhurst Plastics Limited Plastic pipe	Gravenhurst	Canada
Grose Welding Limited Farm machinery	Alma	Canada
Hall Lamp Company of Canada Limited Automotive head and tail lamp assemblies and rear view mirrors	Centralia	United States
Hammond International, Canada, Limited Organs	Metropolitan Toronto	United States
S. Hango Enterprises Limited Large machine screw products	London	Canada
Art Helm Welding and Machine Grain boxes, wagons, snow blowers and post hole diggers	West Wawanosh Township (Lucknow)	Canada
Hobart Brothers of Canada Limited Arc welding machines; flux filled wire	Woodstock	United States
Honeywell Controls Limited Computer data input units	Bowmanville	Canada
Hood Sailsmakers, Canada, Limited Boat sails	Kingston	United States
Hull-Ottawa Plating Limited Electroplating	Ottawa	Canada
Husky Manufacturing and Tool Works Limited Plastic moulds	Bolton	Canada
Imperial International Company Gifts and houseware products	Chinguacousy Township (Bramalea)	United States
Industrial Air Filters Limited Industrial and commercial air filters	Metropolitan Toronto	Canada
Interior Form Furniture Limited Home furniture	Metropolitan Toronto	Canada
KNG Tool and Mould Limited Plastic moulds, die-cast, jigs and fixtures; special machinery	London	Canada



COMPANY	LOCATION	ORIGIN
C-S-H Selck Canada Limited Plastic room dividers, shower stalls and decorative doors	Chinguacousy Township (Bramalea)	United States
K-W Meat Packers Processed meats	Waterloo	Canada
Kenroc Tools Limited Fungsten carbide tools and equipment	Metropolitan Toronto	United States
Kleenaire Equipment Limited Noise abatement and silencing equipment for buildings	Metropolitan Toronto	Canada
Knoll International Canada Limited Sofas, tables and chairs	Metropolitan Toronto	United States
Koehl Industries Limited Engineered fasteners — spirol pins	Windsor	United States
Ord Plastics Limited Sustom and proprietary injection moulding	Mississauga (Cooksville)	Canada
Corzite Industries Limited Paints	Guelph	Canada
Kraft Foods Limited Paw cheese	Ingleside	Canada
Kraus Carpet Mills Limited Parpet finishing	Waterloo	Canada
ambda Optics (Canada) Limited aser components; custom optics	Orleans	United States
arutan Corporation of Canada Limited Soil conditioning chemicals	Windsor	United States
ayandre Fibre Sales Limited lylon and acrylic fibres	Galt	Canada
inwo Industries Limited utomotive and industrial chemicals	Metropolitan Toronto	Canada
ocke Truss Company loof trusses and millwork	Elizabethtown Township (Lyn)	Canada
1accaferri Steel Wire Products Limited 1abion baskets	Agincourt	Italy
falette Lumber Limited hipboard	Timmins	Canada
lateba Webbing of Canada Limited lastic strapping for furniture industry	Dunnville	Mexico
lercury Mfg. Co. Ltd. leated and refrigerated hospital food carts	Mississauga (Cooksville)	United States
licrocolor Dispersions Limited igment dispersions for inks, paints and plastics	Metropolitan Toronto	Canada
lidway Plating Limited Jectroplating	London	Canada
oncrete panels	Ottawa	Canada
oldcraft Plastics Limited ustom moulding	Guelph	Canada
ore Business Forms Ltd. ontinuous business forms	Trenton	Canada
SM Automatic Players Limited like boxes	Metropolitan Toronto	Germany
ew Ontario Dynamics Limited lastic laminates	Bucke Township (New Liskeard)	Canada



COMPANY	LOCATION	ORIGIN
Noranda Copper Mills Limited Copper strip	Fergus	Canada
Norman, Merle, Cosmetics (Canada) Limited Cosmetics	Chinguacousy Township (Bramalea)	United States
Northcraft Industries Ltd. Fibreglass boats	Hawkesbury	Canada
Northern and Central Gas Corporation Limited Gas liquefaction	Hagar	Canada
Nu-Wood Products Limited Wood products	Emo (Fort Frances)	Canada
Oak-Fibre Limited Fibreglass bathtubs and parts for mobile homes	Oakville	Canada
Ontario Pallet Limited Pallets	Milton	Canada
Oshawa Boatworks (Manufacturing) Limited Sailboats	Oshawa	Canada
Oshawa Table Company Tables, desks and bookcases	Oshawa	Canada
PRC Chemical Corporation of Canada Ltd. Sealants and caulking compounds	Metropolitan Toronto	United States
Park Chemical of Canada Limited Heat treating and metallurgical materials	Georgetown	United States
Parsons Developments Ltd. Custom adhesives	Mississauga	Canada
Partrade Saddlery Canada Limited Pony saddles and halters	Windsor	United States
Peninsula Research and Development Corporation, Limited Educational and electronic research	Bertie Township (Fort Erie)	Canada
Perfection Diecasting Limited Diecastings	Windsor	Canada
Pharmaseal, Limited Disposable hospital supplies	Metropolitan Toronto	United States
Photometric Specialties Limited Tooling equipment	Windsor	Canada
Plough (Canada) Limited "Coppertone" cosmetics	Mississauga (Malton)	United States
Powco Steel Products Limited Steel poles	Vaughan Township	Canada
Powell Agri-Systems Limited Tobacco bulk curing systems	Otterville	United States
Procan Mfg. Limited Self-adhesive foam and sponge laminates	Metropolitan Toronto	Canada
Procotex Mfg. Co. Limited Tents, tarpaulins and industrial canvas goods	Cornwall	Canada
Ralston Purina of Canada Ltd. Animal feed	Strathroy	Canada
Richmond Machine Tool and Die Casting Co. Ltd. Aluminum and zinc die castings	Charlottenburg Township	Canada
Robin Hood Flour Mills, Limited, Supersweet Division Animal feed concentrate	Stratford	Canada





COMPANY	LOCATION	ORIGIN
Rodgers Plating Custom plating	Merrickville	Canada
Rolph-Clark-Stone, Limited Folding cartons	Smith's Falls	Canada
Rorer, William H., (Canada) Ltd. Pharmaceuticals	Chinguacousy Township (Bramalea)	United States
Roust-A-Bout of Canada Limited All aluminum Mini-campers	St. Thomas	Canada
Seaquist Valve Company of Canada Limited Aerosol valves	Metropolitan Toronto	United States
Skyway Luggage Company Luggage	Newmarket	United States
Smith, Irwin and Conley Limited Bookbinding and library supplies	Smith's Falls	Canada
Space Circuits Limited Printed circuit boards	Waterloo	Canada
Spacemaker (Products) Limited Steel storage sheds	Mississauga (Cooksville)	Canada
Sprague Meter Division of Textron Canada Limited Domestic and industrial gas metres	Hamilton	Canada
Stone-Chance Limited Navigational aids; light sound systems	Metropolitan Toronto	United Kingdom
Tour-A-Home Limited Travel campers for trucks	Belmont	United States
Treis Industries Limited Custom stamping and fabricating	Markham	Canada
Tru-Die Limited Special tools and dies	St. Thomas	Canada
Tul Safety Equipment Ltd. Safety equipment for aircraft	Hawkesbury	Canada
Turbo Tool Ltd. Tools for aircraft engine components	Mississauga (Cooksville)	Canada
United Co-operatives of Ontario Animal feeds	Lindsay	Canada
United Electric Controls (Canada) Ltd. Temperature, pressure and vacuum controls	Mississauga (Cooksville)	United States
Venpar Vending Equipment Sales, Limited Complete line of vending equipment	Metropolitan Toronto	United States
Vibrapipe Concrete Products Ltd. Concrete pipe, catch basins and storm sewers	Osgoode Township (Metcalfe)	Canada
Waterloo Spinning Mills Limited Carpet yarns	Waterloo	Canada
Whitman Publishing-Golden Press of Canada Limited Children's games, puzzles and playing cards	Galt	United States
Willock Truck Equipment Co., Ltd. Over-the-road liquid bulk carriers	Oakville	Canada
Wonder Fertilizers Limited Fertilizer	New Hamburg	Canada
Wonder Seal (Canada) Limited Tire and tube repairs	St. Catharines	Canada
Workman Bag Company, Limited, The Polypropylene bags	Hawkesbury	Canada
Wrimco Chemicals Limited Chemical sealants and adhesives	Mississauga (Malton)	Canada



Joint Ventures

The following 14 joint ventures were negotiated in Ontario in 1968. Joint ventures unite Ontario industrialists or financial interests with persons or companies inside or outside the province to have their products manufactured in Ontario by a jointly owned company.

JOINT VENTURE AND PRODUCT	PRINCIPALS
Argon North America Limited, Mississauga	Argon Service Ltd., Milan, Italy
chemical products	A. R. Monteith Limited, Mississauga.
Atlas Bolt and Screw Company Canada Limited, The, Mississauga construction sheeting fasteners	Atlas Bolt and Screw Co., Ohio, U.S.A.
construction sneeting rasteners	Mr. Frank Rowe, Oakville.
Booth-Glitsch, Limited, Claremont soft drink dispensers and equipment	Booth Incorporated, Texas, U.S.A.
	Fritz W. Glitsch and Sons (Canada) Ltd., Uxbridge.
Edgewind Sales and Manufacturing Limited, Windsor metal stampings	Edgewood Tool and Manufacturing, Michigan, U.S.A.
	Windsor Machine and Stamping Limited, Windsor.
Helon Plastics Limited, Bolton coated textiles, vinyl and latex foam	G. E. Shnier Co., Metropolitan Toronto. Mr. Erle Schone, Bolton.
Ideal-Algonquin of Canada Limited, Huntsville	Ideal Manufacturing Company, Iowa, U.S.A.
trailer hitches, couplers and accessories	Hodgson Machine and Equipment Co., London.

JOINT VENTURE AND PRODUCT	PRINCIPALS
Kent Industries of Canada Ltd., (Armil Sales Division), Metropolitan Toronto automotive chemicals and adhesives	Kent Industries Inc., Michigan, U.S.A.
automotive chemicais and adhesives	Armil Sales Ltd., Metropolitan Toronto.
Mastico Industries Limited, Tillsonburg sound-deadening materials	Globe Industries Inc., Illinois, U.S.A.
	Somerville Industries Ltd., London.
Patterson-Kelley Ontario Limited, Kitchener	Patterson-Kelley Co. Inc., Pennsylvania, U.S.A.
equipment	Dahmer Steel Limited, Kitchener.
Robertson V. P. Canada Limited, familton pre-engineered buildings	Varco Pruden, Division of Fuqua Industries, Arkansas, U.S.A.
	Robertson-Irwin Limited, Hamilton.
3t. Lawrence Resin Products Limited, Jayuga petroleum resins	Crowley Tar Products Co. Inc., New York, U.S.A.
retionalii resins	Currie Products Limited, Hamilton.
liemon Company of Canada Limited, Aetropolitan Toronto Iectrical connectors	Siemon Company, Connecticut, U.S.A.
Teotrical confiectors	Cochrane Tool and Design Ltd., Metropolitan Toronto.
ipiraflite Manufacturing Company imited, Metropolitan Toronto	Spiraflite Limited, Bedfordshire, England.
ighting for screw conveyors	Shully's Industries Ltd., Metropolitan Toronto.
tran-Steel Division Westeel-Rosco td., Metropolitan Toronto	Stran-Steel Corporation, Texas, U.S.A.
[†] re-engineered steel buildings	Westeel-Rosco Ltd., Metropolitan Toronto.



Licensing ArrangementsA total of 139 licensing arrangements were made by Ontario companies in 1968 in their pursuit of additional products and diversification.

LICENSEE	LICENSOR	PRODUCT
Aircraft Appliances and Equipment Limited Rexdale	The Milshaw Tipping Gear Co. Ltd. Yorkshire, England	Hydraulic truck body hoists
Algoma Steel Corporation, Limited, The Sault Ste. Marie	British Iron and Steel Research Association London, England	Continuous casting of shaped steel beam blanks
Allcoat Limited Scarborough	Enterprise Paint Mfg. Co. Chicago, Illinois	Metal paints, repainting
Allen Wood Products, Limited Fenelon Falls	A. G. Spaulding & Bros., Inc. Evanston, Illinois	Tinker toy
Anglo Enterprises Etobicoke	Industrial Vibrators Limited Warwickshire, England	Vibratory equipment
Armstrong Jones Ltd. Toronto	Acrison Inc. Passaic, New Jersey	Feeders and blenders
Atlas Radio Corporation Division of Atlas Electronics Ltd. Toronto	H. H. Scott, Inc. Maynard, Massachusetts	Line of stereo tuners, amplifiers and speakers
Babcock & Wilcox Canada Ltd. Galt	Guinard (Pompes) Saint Cloud, France	Pumps for nuclear plants; pumps for petroleum industry
Babcock & Wilcox Canada Ltd. Galt	Yuba Heat Transfer Corporation Tulsa, Oklahoma	Heat exchangers
Bardeau Ltd. Downsview	Flash Sales Incorporated Hammond, Louisiana	Commercial steam oven
Bardeau Ltd. Downsview	Cockle Ventilator Co. Inc. Wheeling, Illinois	Stainless steel ventilation
Bardeau Ltd. Downsview	Roll-A-Grill Corporation of America New York, New York	Roller-type frankfurter grill
Bata Engineering Batawa	Favraud (Ets Rene) Gond-Pontouvre, France	Injection moulding machine
Bata Engineering Batawa	Atom Vigevano, Italy	Die cutting machine
Berlet Electronics Limited Brantford	Telemotive Division Dynascan Corporation Chicago, Illinois	Telemotive radio-remote systems for overhead cranes
Bramalea Consolidated Developments Ltd. Bramalea	Skarne System International AB Stockholm, Sweden	Integrated industrialized building process
Brantford Trailer & Body Limited Brantford	R. Murfitt Ltd. Cambridgeshire, England	New methods in bulk handling
The Brown Brothers Limited Toronto	Joshua Meier Co. North Bergen, New Jersey	Acetate, mylar, polystyrene and vinyl sheet protectors
Building Products of Canada Limited Rexdale	Chemidus Plastics Limited Kent, England	"Z" joint for extruded PVC pipe
Burrell Bedding Company Toronto	Thera-Pedic Associates Inc. Passaic, New Jersey	Patented line of bed mattresses
Canada Machinery Corp. Ltd. Galt	Brown Boveri (Canada) Limited Montreal, Quebec	Steam turbo generators
Canada Varnish Limited Toronto	John C. Dolph Company Monmouth Junction, New Jersey	Insulating varnishes and resins





Brampton Oanadian Curtiss-Wright Limited Gasso's Koninklijke Machinelabrieken N.V. Hertogenbosch, Holland Thomas Marshall & Sons North Sheffield, England Canadian Prosecon Limited Canadian Prosecon Limited Canadian Rogers Eastern Limited Canadian Rogers Eastern Limited Canadian Wallpaper Ganadian Wallpaper Manufacturers Limited Toronto Canadian Wallpaper Manufacturers Limited Toronto Canadian Wastinghouse Company, Limited Hamilton Can-Eng Manufacturing Ltd. Cane Falls Limited Cone Falls Limited Toronto Canadian Power Products Canadian Patents and Development Limited Coronto Charlescraft Corporation (Canada) Ltd. Toronto Charlescraft Corporation (Canada) Ltd. Toronto Charlescraft Corporation (Canada) Ltd. Croppey, Noyes & Randall, Limited Croppey, Noyes & Randall, Limited Craig Containers Ltd. Plant American Company Compley, Noyes & Randall, Limited Corporation Craig Containers Ltd. Plant American Company Craig Containers Ltd. Plant American Company Croppey, Noyes & Randall, Limited Croppey, Noyes & Randall, Limited Croppey, Noyes & Randall, Limited Croppers Company Cropped Company Cropped Company Cropped Company Cropped Company Cropped Company Cropped Company Company Cropped Company Comp	LICENSEE	LICENSOR	PRODUCT
Rexdale Machinelabrieken N.V. Hertogenbosch, Holland Canadian Industries Limited Thomas Marshall & Sons North Sheffield, England Canadian Prosecon Limited London Canadian Rogers Eastern Limited Canadian Rogers Eastern Limited Canadian Wallpaper Manufacturers Limited Toronto Canadian Wallpaper Manufacturers Limited Toronto Canadian Westinghouse Company, Limited Hamilton Can-Eng Manufacturing Ltd. Niagara Falls Canware Limited Toronto Canadian Power Products Canadian Patents and Champlain Power Products Champalain Power Products Champalain Power Products Charlescraft Corporation (Canada) Ltd. Toronto Charlescraft Corporation (Canada) Ltd. Toronto Charlescraft Corporation (Canada) Ltd. Toronto Charlescraft Corporation (Canada) Craig Containers Ltd. Poterborough Craig Containers Ltd. Poterborough Craig Containers Ltd. Poterborough Craig Containers Ltd. Compley, Noyes & Randall, Limited Crothers Limited Crothers Limited Condition Craig Containers Ltd. Componery Noyes & Randall, Limited Crothers Limited Crothers Limited Condition Craig Containers Ltd. Componery Noyes & Randall, Limited Crothers Limited Condition Craig Containers Ltd. Compete Noyes & Randall, Limited Condition Craig Containers Ltd. Compley, Noyes & Randall, Limited Condition Craig Containers Ltd. Compley Industries Inc. Champaign, Illinois Champaign, Illinois Danson Corporation Limited Condition Condition Craig Containers Ltd. Componery Noyes & Randall, Limited Condition Craig Containers Ltd. Condition Condition Craig Containers Ltd. Condition Cond	Canadian Baker Perkins, Limited Brampton		Washer extractors
Toronto Canadian Prosecon Limited Canadian Prosecon Limited Canadian Rogers Eastern Limited Canadian Rogers Eastern Limited Canadian Wallpaper Manufacturers Limited Toronto Canadian Westinghouse Company, Limited Hamilton Can-Eng Manufacturing Ltd. Niagara Falls Cine Martin Sweets Company, Inc. Limited Canadian Power Products Canadian Power Products Champlain Power Products Champlain Power Products Champlain Power Products Charlescraft Corporation (Canada) Ltd. Toronto Charlescraft Corporation (Canada) Ltd. Croppley, Noyes & Randail, Limited, The Hamilton Cangla Containers Ltd. Croppley, Noyes & Randail, Limited, The Hamilton Croppley, Noyes & Randail, Limited, The Hamilton Craig Containers Ltd. Croppley, Noyes & Randail, Limited, The Hamilton Craig Containers Ltd. Croppley, Noyes & Randail, Limited, The Hamilton Craig Containers Ltd. Cropporation Limited Condon, England Craig Containers Ltd. Cropporation Company Condon Mills Craig Containers Ltd. Croporation Craig Containers Croporation Craig Craig Containers	Canadian Curtiss-Wright Limited Rexdale	Machinelabrieken N.V.	Air tools and compressors
London Ganadian Rögers Eastern Limited Crane Fulview Glass Door Co. Deerfield, Illinois Canadian Wallpaper Manufacturers Limited Toronto Canadian Westinghouse Company, Limited Hamilton Can-Eng Manufacturing Ltd. Niagara Falls Canware Limited Coronto Canadian Patents and Development Limited Charlescraft Corporation (Canada) Ltd. Caronto Charlescraft Corporation (Canada) Ltd. Croporation Coppley, Noyes & Randall, Limited, The Hardy Amies Ready to Wear Ltd. Craned Containers Ltd. Craned Containers Ltd. Craned Containers Ltd. Craned Corporation Limited Corporation Craned Corporation C	Canadian Industries Limited Toronto		
Toronto Canadian Wallpaper Manufacturers Limited Toronto Canadian Westinghouse Company, Limited Hamilton Can-Eng Manufacturing Ltd. Niagara Falls Canware Limited Toronto Canadian Power Products Champlain Power Products Champlain Power Products Charlescraft Corporation (Canada) Ltd. Toronto Charlescraft Corporation (Canada) Charlescraft Corporation (Canada) Ltd. Toronto Coppley, Noyes & Randail, Limited, The Hamilton Craig Containers Ltd. Peterborough Champaign, Illinois Corporation Corpor	Canadian Prosecon Limited London		Fibreglass pogts
Manufacturers Limited Toronto Canadian Westinghouse Company, Limited Hamilton Can-Eng Manufacturing Ltd. Niagara Falls Canware Limited Toronto Canware Limited Toronto Canware Limited Toronto Champlain Power Products Limited Toronto Charlescraft Corporation (Canada) Toronto Charlescraft Corporation (Canada) Ltd. Toronto Charlescraft Corporation (Canada) Coppley, Noyes & Randall, Limited, The London, England Corporation Coppley, Noyes & Randall, Limited, The London, England Corporation Corporation Corporation Limited Corporation Corporation Limited Corporation Conhills Corporation Corporation Limited Corporation Corporat	Canadian Rogers Eastern Limited Toronto		Revolving doors
Limited Hamilton Can-Eng Manufacturing Ltd. Niagara Falls Canware Limited Forms & Surfaces Santa Barbara, California Crornto Champlain Power Products Limited Charlescraft Corporation (Canada) Charlescraft Corporation (Canada) Charlescraft Corporation (Canada) Ltd. Toronto Charlescraft Corporation Coppley, Noyes & Randall, Limited, The London, England Men's suits and outerwess blankets etc. Disposable sleeping bags blankets etc. Restaurant chain Corporation Corporation Corporation Company Euclid, Ohio Delta Electric (Sarnia) Ltd. Arco Electric Products Corporation Shellyville, Indiana Development Limited Ottawa Ditchling Corporation Ltd. Chemagro Corporation Kansas City, Missouri Dowty Equipment of Canada Ltd. Chemagro Corporation Charlescraft Corporation Corporation Charl	Canadian Wallpaper Manufacturers Limited Toronto		Wallpaper
Niagara Falls Inc. Louisville, Kentucky Canware Limited Forms & Surfaces Santa Barbara, California Champlain Power Products Limited Toronto Charlescraft Corporation (Canada) Ltd. Toronto Coppley, Noyes & Randall, Limited, The Hamilton Craig Containers Ltd. Craig Containers Ltd. Peterborough Champaign, Illinois Crothers Limited Toronto Danson Corporation Limited Don Mills Delta Electric (Sarnia) Ltd. Sarnia Devtek Limited Toronto Delta Electric (Sarnia) Ltd. Corporation Sarnia Corporation Limited Development Limited Ottawa Ditchling Corporation Ltd. Chemagro Corporation Kansas City, Missouri Eastern Steel Products Ltd. Byrne Doors, Inc. Development Limic, Canadian Patents and Parager Heavy industrial and hangar Eastern Steel Products Ltd. Byrne Doors, Inc.	Canadian Westinghouse Company, Limited Hamilton		
Toronto Champlain Power Products Limited Development Limited Conadian Patents and Development Limited Contawa Charlescraft Corporation (Canada) Ltd. Charlescraft Corporation (Canada) Ltd. Toronto Coppley, Noyes & Randall, Limited, The Hamilton Craig Containers Ltd. Peterborough Craig Containers Ltd. Poward Johnson Co. Champaign, Illinois Danson Corporation Limited Don Mills Delta Electric (Sarnia) Ltd. Sarnia Corporation Sarnia Corporation Shellyville, Indiana Development Limited Ottawa Ditchling Corporation Ltd. Don Mills Chemagro Corporation Kansas City, Missouri Dowty Equipment of Canada Ltd. Ajax Montrouge, France Eastern Steel Products Ltd. Byrne Doors, Inc. Heavy industrial and hangar	Can-Eng Manufacturing Ltd. Niagara Falls	Inc.	plastic manufacturing
Limited Toronto Charlescraft Corporation (Canada) Ltd. Toronto Charlescraft Corporation (Canada) Charlescraft Corporation (Canada) Charlescraft Corporation (Canada) Charlescraft Corporation (Canada) Ltd. Troy Industries Inc. Tuckahoe, New York Toronto Charlescraft Corporation (Canada) Ltd. Toronto Charlescraft Corporation (Canada) Ltd. Toronto Charlescraft Corporation (Canada) Ltd. Toronto Coppley, Noyes & Randall, Limited, The Hamilton Craig Containers Ltd. Peterborough Champaign, Illinois Crothers Limited Toronto Danson Corporation Limited Danson Corporation Limited Don Mills Delta Electric (Sarnia) Ltd. Sarnia Devtek Limited Toronto Development Limited Ottawa Ditchling Corporation Ltd. Disposable sleeping bags. Delta Electric (Sarnia) Ltd. Arco Electric Products Corporation Shellyville, Indiana Development Limited Ottawa Ditchling Corporation Ltd. Ditchling Corporation Ltd. Don Mills Dowly Equipment of Canada Ltd. Ajax Montrouge, France Eastern Steel Products Ltd. Byrne Doors, Inc. Peterboroud Charles Inc. Trognic mirror "dental pulse" oral lavage. "dental pulse" oral lavage. "dental pulse" oral lavage. "dental pulse" oral	Canware Limited Toronto		
Ltd. Venice, California cosmetic mirror Toronto Charlescraft Corporation (Canada) Ltd. Tuckahoe, New York Toronto Coppley, Noyes & Randall, Limited, The Hamilton Craig Containers Ltd. Snug-Eze, Inc. Crothers Limited Toronto Coppley Champaign, Illinois Danson Corporation Limited Don Mills Delta Electric (Sarnia) Ltd. Arco Electric Products Corporation Devtek Limited Conadian Patents and Development Limited Don Mills Command Corporation Delta Champaign Corporation Sarnia Corporation	Champlain Power Products Limited Toronto	Development Limited	
Ltd. Toronto Coppley, Noyes & Randall, Limited, The Hamilton Craig Containers Ltd. Peterborough Crothers Limited Toronto Danson Corporation Limited Don Mills Delta Electric (Sarnia) Ltd. Sarnia Devtek Limited Toronto Disposable sleeping bags. Nelmor Manufacturing Company Euclid, Ohio Delta Electric (Sarnia) Ltd. Sarnia Devtek Limited Toronto Disposable sleeping bags. Disposable s	Charlescraft Corporation (Canada) Ltd. Toronto		"mirrorgolight y" ifluir in led cosmetic mirror
Limited, The Hamilton Craig Containers Ltd. Peterborough Champaign, Illinois Diankets, etc. Crothers Limited Toronto Danson Corporation Limited Don Mills Delta Electric (Sarnia) Ltd. Sarnia Devtek Limited Canadian Patents and Development Limited Don Mills Canadian Patents and Development Limited Don Mills Corporation Canadian Corporation Canadian Corporation Champaign, Illinois Delta Electric Restaurant chain Plastic granulators Plastic granulators Three phase electrical convertor Shellyville, Indiana Devtek Limited Canadian Patents and Development Limited Ottawa Ditchling Corporation Ltd. Chemgro Corporation Chamsa City, Missouri Dowly Equipment of Canada Ltd. Ajax Montrouge, France Eastern Steel Products Ltd. Byrne Doors, Inc.	Charlescraft Corporation (Canada) Ltd. Toronto		"dental pulse" oral lavega
Peterborough Champaign, Illinois Dankets, etc. Restaurant chain Toronto Wollaston, Massachusetts Danson Corporation Limited Don Mills Delta Electric (Sarnia) Ltd. Sarnia Corporation Sarnia Corporation Devtek Limited Canadian Patents and Development Limited Ottawa Ditchling Corporation Ltd. Don Mills Chemagro Corporation Sansas City, Missouri Dowty Equipment of Canada Ltd. Ste. Messier Montrouge, France Eastern Steel Products Ltd. Byrne Doors, Inc. Restaurant chain Plastic granulators Plastic granulators Restaurant chain Restaurant chain Plastic granulators Three phase electrical convertor Inserticide—"Fenthion" Repair and overhaul of Fange Falcon landing gear Heavy industrial and hangar	Coppley, Noyes & Randall, Limited, The Hamilton		Men's suits and outerwern
Toronto Wollaston, Massachusetts Danson Corporation Limited Don Mills Euclid, Ohio Delta Electric (Sarnia) Ltd. Arco Electric Products Corporation Shellyville, Indiana Devtek Limited Canadian Patents and Development Limited Ottawa Ditchling Corporation Ltd. Chemagro Corporation Sansa City, Missouri Don Mills Dowty Equipment of Canada Ltd. Ste. Messier Montrouge, France Falcon landing gear Eastern Steel Products Ltd. Byrne Doors, Inc.	Craig Containers Ltd. Peterborough		
Don Mills Delta Electric (Sarnia) Ltd. Sarnia Devtek Limited Devtek Limited Toronto Ditchling Corporation Ltd. Ditchling Corporation Ltd. Don Mills Dowty Equipment of Canada Ltd. Arco Electric Products Corporation Shellyville, Indiana Development Limited Ottawa Ditchling Corporation Ltd. Chemagro Corporation Kansas City, Missouri Dowty Equipment of Canada Ltd. Ajax Montrouge, France Eastern Steel Products Ltd. Byrne Doors, Inc. Three phase electrical convertor Improved microwave one Corporation Insecticide — Fenthion Repair and overhaul of Fance Falcon landing gear	Crothers Limited Toronto		Restaurant chain
Sarnia Corporation Shellyville, Indiana Devtek Limited Toronto Development Limited Ottawa Ditchling Corporation Ltd. Don Mills Dowty Equipment of Canada Ltd. Ajax Eastern Steel Products Ltd. Corporation Shellyville, Indiana Improved microwave onye Improved microwa	Danson Corporation Limited Don Mills		Plastic granulators
Toronto Development Limited Ottawa Ditchling Corporation Ltd. Chemagro Corporation Don Mills Kansas City, Missouri Dowty Equipment of Canada Ltd. Ste. Messier Ajax Montrouge, France Falcon landing gear Eastern Steel Products Ltd. Byrne Doors, Inc. Heavy industrial and hangar	Delta Electric (Sarnia) Ltd. Sarnia	Corporation	
Don Mills Kansas City, Missouri Dowty Equipment of Canada Ltd. Ste. Messier Montrouge, France Eastern Steel Products Ltd. Byrne Doors, Inc. Repair and overhaul of Fance Falcon landing gear Heavy industrial and hangar	Devtek Limited Toronto	Development Limited	Improved microwave grye
Ajax Montrouge, France Falcon landing gear Eastern Steel Products Ltd. Byrne Doors, Inc. Heavy industrial and hangar	Ditchling Corporation Ltd. Don Mills		Insecticide — "Fenthion"
Eastern Steel Products Ltd. Byrne Doors, Inc. Heavy industrial and hangar	7 1 1		Repair and overhaul of Fanje Falcon landing gear
	Eastern Steel Products Ltd. Preston		Heavy industrial and hangar doors

LICENSEE	LICENSOR	PRODUCT
Edmor Mfg. Limited Weston	Emerson Industries Inc. Long Island, New York	Window greenhouse
Edwards of Canada Limited Owen Sound	Edwards Co., Inc. Norwalk, Connecticut	Industrial chime
Electrovert Ltd. Toronto	Eraflex Romanshorn, Switzerland	Agency for suspension system
Erectoweld Co. Ltd. Oakville	Jos. Dyson & Sons, Inc. Painesville, Ohio	Porta-boom fork lift attachment
Erectoweld Co. Ltd. Oakville	Little Giant Products, Inc. Peoria, Illinois	Lift truck attachments, trenches, sweepers, steam cleaners, rotary snow throwers
Fairbanks Morse (Canada) Ltd. Kingston	D.A.C. Engineers Limited London, England	Strip paint coating line; galvanizing line; pickling line; annealing line; electro- tinning line
Fairbanks Morse (Canada) Ltd. Kingston	Rheinische Walzmaschinen- fabrik Ehrenfeld, West Germany	Cold rolling mills
Fairbanks Morse (Canada) Ltd. Kingston	Matbro (Sales) Ltd. Surrey, England	Fork lift trucks; swing lift machines
Fanon Electronics of Canada Limited Toronto	Long-Lok Corporation Los Angeles, California	Locking fasteners
Fiberglas Canada, Limited Toronto	Armshire Reinforced Plastics Limited Bucks., England	Cold moulding process
Fiberglas Canada, Limited Toronto	Liquid Nitrogen Processing Corp. Malvern, Pennsylvania	Glass fibre-reinforced thermoplastics
Floturn of Canada Ltd. Rexdale	Miehle-Goss-Dexter Americas Company Galt	Computers for machine tools etc.
Ford-Smith Machine Co., Ltd. Hamilton	J. D. Cochili Mfg. Co. San Francisco, California	Superstructure for automobile hoists
Gas Machinery Company (Canada), Limited, The Hamilton	Ipsen Industries, Inc. Rockford, Illinois	Special gas atmosphere and vacuum heat treating furnaces
General Time of Canada Limited Peterborough	General Time Corp. Time Mist Division New York, New York	Time controlled aerosol spray dispenser
Gidon Industries Limited Rexdale	Wheel Centre Company Inc. Walnut Creek, California	Wheels
Glendale Mobile Homes Ltd. Strathroy	Terrapin Ltd. Bletchley, England	Aluminum prefabricated building system
Fritz W. Glitsch & Sons (Canada) Ltd. Uxbridge	Hudson Engineering Corp. Houston, Texas	Air cooled heat exchanger
Fritz W. Glitsch & Sons (Canada) Ltd.	Stone & Webster Engineering Corp.	Ripple tray





LICENSEE	LICENSOR	redburt.
Grant Products Limited Don Mills	A. E. Staley Manufacturing Company Decatur, Illinois	Sta-Flo Starch Sta-Puf Fabrik Finish Silken Look Fabrik Finish
Hart Chemical Limited Guelph	Canadian Patents and Development Limited Ottawa	Fuel oil additive
Heywood-Wakefield Company of Canada, Limited Orillia	Coach & Car Equipment Corp. Elk Grove Village, Illinois	Railway and dus searing
Hi-Lo Equipment (Canada) Limited Malton	AB Hydraulmekano Sweden	Triple lifts (maintenance platforms)
Hooper Welding Enterprises Limited Toronto	Basco Division of American Precision Industries, Inc. Buffalo, New York	Heat exchange equipment
Houston Schmidt Ltd. Toronto	Canadian Patents and Development Limited Ottawa	Microwave drying equipmer and chambers
Insta Lettering Canada Ltd. Weston	Insta Lettering Machine Co. Los Angeles, California	Heat transfers: heat seafing machines
Instant Structures of Canada Don Mills	Hottel Company Pleasant Ridge, Michigan	Multi tension building structures
Irving Steel Limited Galt	Fabricated Metals, Inc. San Leandro, California	Storage bins
Jaeger Machine Company of Canada Ltd, St. Thomas	Hydraulic Machinery Company Inc. Milwaukee, Wisconsin	Excavators
Johnson Matthey & Mallory Limited St. Catharines	Lakeshore Markers, Inc. Erie, Pennsylvania	Markers and signs
Kardam Mfg. Ltd. Windsor	International Machine Products, Ltd. Cincinnati, Ohio	Label printing press
King Seagrave Limited Woodstock	Disco Side-O-Matic York, Pennsylvania	Boom unloader
King Seagrave Limited Woodstock	Waterloo Unloader Division Greater Iowa Corp. Waterloo, Iowa	Unloader boom
Kohler of Canada Ltd. Malton	Motosacoche S.A. Carouge-Geneve, Switzerland	2-cycle engines for snowmobiles and rough terrain vehicles
Lab Forms Co. Division of Review Printing Co. Ltd. Peterborough	V. W. Eimicke Associates Inc. New York, New York	Personnel forms systems
Leigh Instruments Limited Carleton Place	Airmec Limited High Wycombe, England	Machine tool control system
Leigh Instruments Limited Carleton Place	Canadian Patents and Development Limited Ottawa	Radar altimeter
Leigh Instruments Limited Carleton Place	Canadian Patents and Development Limited Ottawa	Oxygen probe

LICENSEE	LICENSOR	PRODUCT
Liquid Carbonic Canadian Corp., Limited Scarborough	Victor Equipment Co. San Francisco, California	Gas welding and cutting apparatus
Livingston Industries Eimited Tillsonburg	Mickleover Transport Limited (Unigate Group Ltd.) London, England	Reinforced plastic containers
Greg Lund Products Limited Oakville	Coral Corporation Bremen, Indiana	Fibreglass bathtubs and shower stalls
McInnis Equipment Ltd. Windsor	Moeller Maschinen Beckum, Germany	Palletizer
Masdom Corporation Limited Toronto	Cleveland Vibrator Co. Cleveland, Ohio	Ancillary equipment screens, feeders, etc. for use with vibrators
Mason Knitting Company Limited Acton	The William Carter Co. Neidham Heights, Massachusetts	Complete line of infants and children's wear
Measurement Engineering, Ltd. Arnprior	Canadian Patents and Development Limited Ottawa	Energy absorption device
Measurement Engineering, Ltd. Arnprior	Canadian Patents and Development Limited Ottawa	Ground detection equipment
Miller Equipment Co. of Canada Limited Trenton	Pedley-Knowles and Company San Francisco, California	Safety nets
Moffats Limited Weston	J. C. Pitman & Sons, Inc. Concord, New Hampshire	Gas deep fat fryers for restaurants, etc.
Morley and Son Manufacturing Co. Limited Scarborough	Hapman Corp. Kalamazoo, Michigan	Hapman tubular conveyor
Napanee Industries (1962) Limited Napanee	Lyco Systems Inc. Pittsburgh, Pennsylvania	Sewage treatment plants
Nicholson Building Components Limited Burlington	Internordia Organization Oslo, Norway	Storage closet line
Northern Electric Co., Limited Bramalea	Electronic Communications, Inc. St. Petersburg, Florida	NHF ground to air communication system
Northern Steel Products Limited Sault Ste. Marie	Schmiedag Akliengesetlschaft Dortmund, West Germany	Small hydraulic bulldozers
Northern Steel Products Limited Sault Ste. Marie	Ste-Co Products Limited Notts., England	Highway salt and sand spreaders
Operation Reliance Inc. Downsview	F. W. Chillman Downsview	Basement windows
Parker Brothers Games Limited Downsview	Parker Brothers Inc. Salem, Massachusetts	140 lines of games
Parker Brothers Games Limited Downsview	Rainbow Crafts Inc. Cincinnati, Ohio	Playdough
Pendell Boiler, Limited Toronto	Siemon Mfg. Co. Grandview, Missouri	Oil burners
Port Weller Dry Docks Limited St. Catharines	Zurn Industries. Inc. General Air Systems Division Erie, Pennsylvania	Compressed air cleaning and drying systems

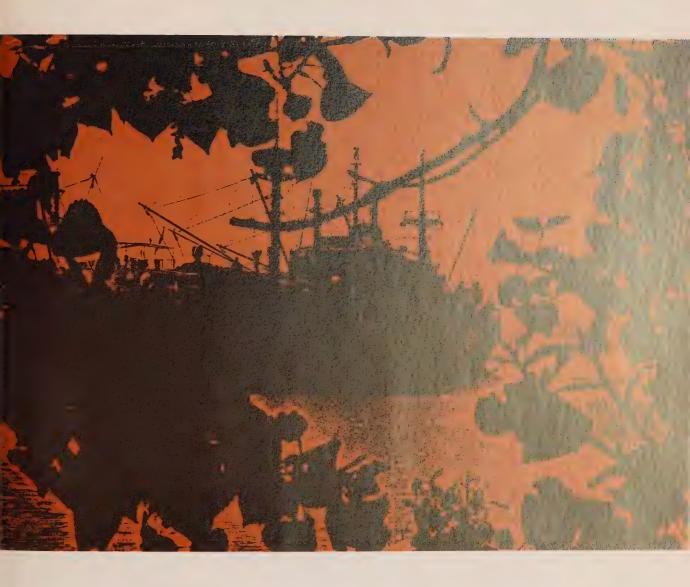




LICENSEE	LICENSOR	PRODUCT
Powertronic Equipment Limited Scarborough	TRW Inc. Cleveland, Ohio	Solid state static invertors
Preston Foundries Limited Preston	Casting Materials Company Meehanite Western Hemisphere Inc. Dorval, Quebec	Patented porous plug (Gaza process for manufacture of nodular iron
Procor Limited Oakville	Pullman-Standard Div., Pullman Inc.	Complete line of railway freight cars
Protective Plastics Limited Don Mills	Bolen International Inc. Niles, Illinois	Fiberglass brick and storm panels
Pyle-National (Canada) Ltd. Clarkson	Erdco Engineering Co. Addison, Illinois	Gas detection equipment
Queen City Bedding Downsview	Grieves Elliot Limited Northumberland, England	Modern design range of furniture
Radio Speakers of Canada Limited Toronto	Drive-in Theatre Mfg. Co. Kansas City, Kansas	Outdoor speakers
Richards-Wilcox of Canada Limited London	Kito Shoji Kaisha Limited Tokyo, Japan	"Kito 'Land chain hoist
Richards-Wilcox of Canada Limited London	R. L. Kuss & Company, Inc. Findlay, Ohio	Aircraft hangar doors
Rotaflex of Canada Limited Foronto	Sterner Lighting, Inc. Winstead, Minnesota	Outdoor lighting products
Ben Sanders Co. Ltd. Scarborough	Cramer Industries, Inc. Kansas City, Kansas	Safety step stool
J. R. Sanders Co. Ltd. Galt	Carl Krasny & Associates Inc. Cleveland, Ohio	Automatic handling systems for bar tube pipe, sheet plate and coils
J. R. Sanders Co. Ltd. Galt	Lester-Brown Machine Tools Ltd. Coventry, England	Tool grinding and lapping machines
Sanders Geo-Physics Ltd. Ottawa	Canadian Patents and Development Limited Ottawa	Magnetometer
Shaw Pipe Protection Limited Rexdale	Samuel Moore & Co. Mantua, Ohio	Plastic coated steel pipe
Simcoe Mitt & Glove Co., Limited, The Simcoe	Singer Safety Products, Inc. Chicago, Illinois	Firehose covers
Simplicity Products Limited Hespeler	Wilkins and Mitchell Ltd. S. Staffordshire, England	Washer-spin dryer unit
Skyway Scaffolding Weston	Bil Jax, Inc. Archbold, Ohio	Scaffolding and related fittings
Slater Steel Industries Limited Hamilton	Cawood Construction Pretoria, South Africa	Anker tent pegs
Smith Bros. Motor Bodies Limited	Storm & Kristensen Copenhagen, Denmark	Hydraulic truck crane
Space Optic Ltd.	Canadian Patents and Development Limited	Precise comparator

LICENSEE	LICENSOR	PRODUCT
Spar Aerospace Products Limited Malton	Canadian Patents and Development Limited Ottawa	Coulometer
Spar Aerospace Products Limited Malton	Canadian Patents and Development Limited Ottawa	Diving computer
Spar Aerospace Products Limited Malton	Sonotone Corp. Elmsford, New York	Nickel-cadmium battery- charge control system
Superior Concrete Accessories Canada Limited Rexdale	Symons Mfg. Co. Des Plaines, Illinois	"magic-kote", a form release agent
Tek Plastics, Limited Malton	The Red House Brussels, Belgium	Acrylic skylights
Temprite Industries Limited Rexdale	Disco Engineering Inc. Detroit, Michigan	Äir doors
Textron Canada Limited Division Bell Aerosystems Canada Toronto	British Hovercraft Corporation Limited Isle of Wight, England	Hovercraft
Toronto Tool and Die Co. Weston	Beaird-Poulan Inc. Shreveport, Louisiana	Wright air operated saw
Tru-Set Limited Scarborough	Leco Engineering & Machine Inc. Venice, Florida	Newspaper lock boxes
Turnco Limited Blenheim	B. C. Barton & Son, Ltd. Staffordshire, England	"Xpendadek"
Turnco Limited Blenheim	Tier-Rack Corp. St. Louis, Missouri	Tier-rack pallet frame
Twin-Cee Limited Georgetown	Ex-Cell Metal Products Company Inc. Chicago, Illinois	Wall urns, sand urns, smoking receptacles
United-Carr Canada, Ltd. Stoney Creek	Springfield Wire, Inc. Springfield, Massachusetts	Heaters for defrosting
Unlimited Textures Ltd. Windsor	Roll Die and Mold Decorator's Division Standard International Corporation Youngstown, Ohio	Mold texturing procedure
Vaughan Thompson Ltd. Richmond Hill	Canadian Patents and Development Limited Ottawa	Inclined settlers
Welmet Industries Limited Valve Division of Guelph Engineering Company Guelph	M & J Valve Co. Houston, Texas	Pipeline gate valve





Plant Expansions

The 426 additions to plants in Ontario in 1968 were valued at more than \$351,000,000. These expansions resulted in about 8,000 new jobs, and added some 9,100,000 square feet of production capacity. The companies involved:

Abex Industries of Canada Ltd., Waterloo Acadian Frame and Woodworking Co. Ltd., Toronto

Acme Paper Products Co. Ltd., Toronto Aerofin Corp. (Canada) Ltd., Gananoque Agricultural Chemicals Ltd., Port Hope Aimco Automotive Industries, Cooksville Air Tel Limited, London

Airway Surgical Appliance Industries Ltd., Ottawa

Alderbrook Industries Ltd., Toronto Allcoat Ltd., Scarborough Allen-Bradley Canada Ltd., Galt Alloy Welding Centre Ltd., Guelph American Hoist of Canada Ltd., Brampton American-Standard Products (Canada) Ltd., Toronto

Amphenol Canada Ltd., Renfrew
Anaconda American Brass Ltd., Toronto
Anstey Graphic Ltd., Toronto
Anthes Eastern Ltd., St. Catharines
Architectural School Products Ltd.,
Mississauga
Armet Industries Ltd., Guelph
C. H. Atkinson & Co., Richmond Hill
Atlantic Packaging Co., Scarborough
Atlas Copco Canada Ltd., Sudbury
Atlas Titanium, Welland
Avery Label Co. (Canada), Toronto

B. & F. Boring, Windsor B.R.C. Tool & Die Co. Ltd., Windsor Babcock & Wilcox Canada Ltd., Galt Baltimore Aircoil of Canada Ltd., Georgetown Barber Building Blocks Ltd., Guelph Barrie Hardchrome Plating, North Bay Barton Distilling (Canada) Ltd., Collingwood Bata Engineering, Batawa Baycar Steel Fabricating Co. Ltd., Sudbury Bayer Dyestuffs & Chemicals Ltd., Mississauga Bay Mills Ltd., Midland Bayside Manufacturing Ltd., Collingwood Beadex Ltd., Weston Bean Printing & Publishing Co. Ltd., Waterloo The Becker Milk Co. Ltd., Scarborough Bendix-Eclipse of Canada Ltd., Windsor Bendixen & Duff Mfg. Co., Petrolia Benson & Hedges (Canada) Ltd., Brampton Berkey Photo (Canada) Ltd., Toronto Bevel Stamping Co. Ltd., Downsview Bell & Howell Canada Ltd., Toronto Bendal Machine Co. Ltd., Brampton Bettger Industries Ltd., Stratford Black Clawson-Kennedy Ltd., Owen Sound Biok-Lok Ltd., Weston Bond Structural Steel, Richmond Hill



Booth-Glitsch Co., Claremont The Borden Co. Ltd., Belmont Borg-Warner (Canada) Ltd. (Marbon Div.) Coboura Bowes Co. Ltd., Colborne Boyles Industries Ltd., Orillia Brampton Sheet Metal, Brampton W. D. Bray Rivet Co. Ltd., Gananoque Brand Felt of Canada Ltd., Cooksville The British American Oil Co. Ltd., Clarkson Brock Electronics Ltd., Lvn Brooks Marble & Tile Co. Ltd., Don Mills Brown Fintube (Canada) Ltd., St. Thomas Bubble Bath Laboratories Ltd., Milton Bruce Brick & Tile Co. Ltd., Teeswater Burlington Carpet Mills Canada Ltd., Toronto Burns Foods Ltd., Kitchener Burrell Bedding Ltd., Toronto Butler Metal Products Co. Ltd., Preston Butterick Canada Ltd., Sarnia

Cabot Carbon of Canada Ltd., Sarnia Calvert Dale Ltd., Brampton Cambro Industries, Burford Canada Binding Ltd., Toronto Canada Decalcomania Co. Ltd., Toronto Canada Machinery Corp. Ltd., Galt Canada Packers Ltd., Highgate The Canada Starch Co. Ltd., Cardinal Canada Tool Co. (Galt) Ltd., Hespeler Canadian Abbatoir Ltd., Toronto Canadian Admiral Corp. Ltd., Port Credit Canadian Blower & Forge Co. Ltd., Kitchener Canadian Business Machines Ltd., Cooksville Canadian Canners Ltd., Exeter Canadian General Electric Co. Ltd., Oakville Canadian General-Tower Ltd., Galt Canadian Industries Ltd., Copper Cliff Canadian Industries Ltd., Millhaven Canadian Self Spray Dispensers, Richmond H Canadian Vegetable Oil Processing Ltd., Hamilton Canam Tools (Windsor) Ltd., Windsor Capri Bakery Ltd., Downsview Caron Grain Co., Wallaceburg Carriere Technical Industries Ltd., Scarborou Caterpillar of Canada Ltd., Cooksville Central Welders & Blacksmiths Ltd., Rodney Champion Tool & Die Co., London. Champlain Power Products Ltd., Toronto Chas. Wilson Ltd., Toronto Chas, Wilson Ltd., Kingston Chinook Chemicals Corp. Ltd., Sombra Chisholm Lacrosse Mfg. Co., Cornwall The Chun King Corp. of Canada Ltd., Windson Cimco Ltd., Toronto

are Bros. Ltd., Preston
W. Clayton Co. Ltd., Guelph
bin Acceptors Canada, Scarborough
bleman Packing Co. Ltd., London
blumbia Home Products Ltd., Scarborough
blumbus McKinnon Ltd., St. Catharines
bommunications Apparatus Co. Ltd., Stratford
bonsolidated Stamp Manufacturing (Canada)
d., Toronto

onsumers Glass Company Limited, Etobicoke ontinental Brick and Tile Co. Ltd., Shallow lke

ontrol Data Canada Ltd., Toronto ontrols Co. Canada Ltd., St. Thomas opeland Laboratories Ltd., Rexdale B. Coutts Co. Ltd., Toronto L. Crain Ltd., Ottawa reators (Canada) Ltd., Weston

escent Supply Co. Ltd., Waterloo ultique Marble Products Ltd., Toronto urvply Wood Products Ltd., Orono ustom Control Papels Ltd., Cooksyille

isy-Heddon Ltd., Preston

ustom Control Panels Ltd., Cooksville utler-Hammer Canada Limited, Scarborough

inson Corporation Limited, Scarborough

urigold Products Ltd., Oakville
ushwood Industries Ltd., Centralia
uvidson Rubber Co. Inc., Port Hope
aarborn Chemicals, Mississauga
hn Deere Welland Works, Welland
Jur of Canada Ltd., Toronto
loro Stellite, Belleville
eller's Tile Ltd., Twp. of Dereham
usign-Craft Ltd., Toronto
amond Clay Brick Products, Burlington
amond National of Canada Ltd., Brantford

ace
minion Dairies Ltd., London
minion Fence and Wire Products Ltd.,
amalea

gital Equipment of Canada Ltd., Carleton

mmtar Newsprint Ltd., Toronto
w Chemical of Canada Ltd., Sarnia
hn Downey & Sons Ltd., Mississauga
esser Industries of Canada Ltd., Galt
inlop Canada Ltd., Whitby
Pont of Canada, Kingston
tch Sash & Door Co., Morewood

gle Precision Tool Ltd., Brantford gewater Canners Ltd., Northport anville Creamery Ltd., Eganville dorado Nuclear Ltd., Port Hope lipire Hosiery Ltd., Toronto ie Manufacturing Co. (Canada) Ltd., Ethyl Corporation of Canada Ltd., Sarnia Everest & Jennings Canadian Ltd., Vaughan Twp.

Excel Metalcraft Ltd., Aurora The Expanded Metal Company of Canada Limited, Rexdale

Faultless Casters Ltd. (Div. of Bliss & Laughlin Co.), Stratford F. W. Fearman Co. Ltd., Burlington Ferguson & O'Reilly Co. Ltd., Elmira

Fiberglas Canada Ltd., Sarnia Fingerhut International Ltd., Cornwall

Fischer Bearings Manufacturing Ltd., Stratford Flangeklamp of Canada Ltd., St. Catharines Fleet Manufacturing Ltd., Ft. Erie

Fleetwood Metal Industries Ltd., Windsor Ford Motor Co. of Canada Ltd., Oakville Formosa Spring Brewery Ltd., Formosa

Foseco Canada Ltd., Guelph

Futurama Chesterfields Ltd., Weston

Galtex Co. Ltd., Galt
Garson Industries, London
Gelatin Capsules Ltd., Windsor
General Foods Ltd., Cobourg
General Motors of Canada Ltd., Oshawa
General Motors Trim Ltd., Windsor
General Refractories Co. of Canada Ltd.,
Smithville

General Refrigeration of Canada, Downsview Glendale Mobile Homes Ltd., Strathroy Goderich Tube and Steel Co. (Canada) Ltd., Toronto

Golden Gate Industries, Pickering Gold Seal Glass Co. Ltd., London The Goodyear Tire and Rubber Co. of Canada, Ltd., Toronto Gorman Eckert & Co. Ltd., London

Gould-National Batteries of Canada Ltd.,
Fort Erie

W. R. Grace & Co. of Canada Ltd. (Cryovac Div.), Cooksville Grace Containers Ltd., Brantford

Grace Containers Ltd., Brantford
Great Lakes Paper Co. Ltd., Fort William
Greb Industries Ltd., Kitchener
Green Giant of Canada Ltd., London
Grew Ltd., Penetanguishene
Gurenther-Hildebrandt Ltd., Burlington

Claire Haddad Ltd., Toronto
Hammond Manufacturing Co. Ltd., Guelph
Hartz Mountain Pet Supplies Ltd., St. Thomas
C. F. Haughton Limited, Agincourt
John T. Hepburn Limited, Mississauga
Highline Produce, Mersea
Hi-Lo Equipment (Canada) Ltd., Malton





The Hoover Company Limited, Burlington Hostess Food Products Limited, Preston Houdaille Industries, Oshawa James Howden & Parsons of Canada Limited, Toronto Hudson Bay Diecasting Ltd., Bramalea Hughes Boat Works Ltd., Centralia

Hunt Windows Limited, London

I. C. Burners Limited, Kitchener
IKO Industries Ltd., Brampton
Imco Containers, Mississauga
Imperial Feather Company Ltd., Toronto
Imperial Surgical Company, Scarborough
Ingot Metal Co. Limited, Weston
Ingram & Bell Limited, Toronto
International Malleable Iron Co. Ltd., Guelph
International Silver Co. of Canada Ltd.,
Collingwood
Irving Steel Limited, Galt

J. & L. Vitamins & Cosmetics, London Jacuzzi Canada Ltd., Rexdale Jamesbury Corp., Weston James Fibre-Glass Mfg. Co. Ltd., Toronto Jan-Zan Metal Industries Ltd., Toronto Jancee Screw Products Ltd., Cooksville Jones Wood Specialties, Toronto Jordan Wines, St. Catharines

K. K. Precision Parts, North York
K-Vet Laboratories, Hespeler
Kaiser Aluminum Ltd., London
Kelsey-Hayes Canada Ltd., Windsor
Kenebuc (Galt) Ltd., Galt
Kingsford Cabinets Ltd., London
Kitchener Spring Co. Ltd., Waterloo
Knox Gelatine Co. of Canada Ltd., Trenton
Kohler of Canada Ltd., Malton
Korlin Ltd., Stratford
Kolmar of Canada Ltd., Barrie
Kuntz Electroplating, Kitchener

LCN Closers of Canada Ltd., Port Credit

L & L Tools Ltd., Bowmanville

Labatt's Scientific Centre, London
Lady Galt Towels (Dobbie Industries of Galt),
Twp. of Burford
Lakehead Insulation and Plastics Ltd., Port
Arthur
Lake Ontario Steel Company Limited, Whitby
Land-Air Tire and Rubber Ltd., Burlington
LaSalle Machine Tool of Canada Ltd., Windsor
Lawson & Jones Limited, London
Lawter Chemicals (Canada) Ltd., Toronto
Leaf Confections Limited, Scarborough
J. R. Leduc Building Materials Construction,
Crysler

Lehmann Book Binding Limited, Waterloo Leigh Metal Products Ltd., London F. Lepper & Sons Ltd., Scarborough Lindberg Hevi-Duty Canada Ltd., Toronto E. A. Lisk & Sons Ltd., Eganville London Econocrete Ltd. (Ready-Mix Cement) London

London Laboratories Ltd., London London Metallizing & Machine Co. Ltd., Lond Lubrizol of Canada Ltd., Niagara Falls Lustro Steel Products Ltd., Brampton

Macotta Co. of Canada Ltd., Toronto Manning, Maxwell & Moore of Canada Ltd., Galt

Marsland Engineering Ltd., Waterloo G. W. Martin Lumber Ltd., Harcourt Mar-Vel Concrete & Tile Products Ltd., Clarkson

Mason & Risch Ltd., Toronto
Mathews Conveyor Co. Ltd., Port Hope
McIntyre Industries (London) Ltd., London
McKinnon Industries Ltd., St. Catharines
Mead Johnson Canada Ltd., Belleville
Mechanical Advertising Ltd., Oshawa
Metrix Manufacturing Co. Ltd., Toronto
Micromatic Hone Limited, Brantford
Miller Packaging & Sales Ltd., London
Minnesota Mining & Manufacturing of Canad
Ltd., London
Mitten Industries Galt Ltd., Galt.

Modern Railings and Metalcraft Ltd., Toronto Moffatt's Ltd., Toronto Moira Beverages Ltd., Belleville Mortimer Limited, Ottawa Morval Products Co. Ltd., Kitchener Motor Wheel Corporation of Canada Ltd.,

Nabisco Foods, Division of Nabisco, Limited, Niagara Falls National Containers Central Limited, Toronto

Chatham

National Dry Limited, London Nelson's Dairy Limited, Toronto Nestle-Lemur Co. (Canada) Ltd., The, Toront Newman Structural Limited, Welland Niagara Brand Chemicals Div. of FMC Mach-

inery & Chemicals Ltd., Burlington
Northern Electric Co. Ltd., Belleville

Oak-Burl Industries Ltd., Burlington Office Specialty Limited, Newmarket W. H. Olsen Manufacturing Company Limitec Tilbury

Ontario Carpet Industries, London
Ontario Steel Products Company Ltd., Chath
Oshawa Furniture Manufacturing Co. Ltd.,
Oshawa

is Elevator Company Limited, Hamilton tboard Marine Corporation of Canada nited. Peterborough

l Engines Ltd., Orillia letta Bros Meat Products Ltd., Burlington ragon Metal Industries Ltd., Toronto rker Bros, Games Limited, Vaughan Twp. rnell Foods Ltd., London erless Enterprises, Toronto rma-Flex Industries Ltd., Toronto rmanent Protective Coatings Ltd., ssissauga zer Co. Ltd., Arnprior oenix Paper Products Ltd., Weston erce-All Manufacturing Ltd., Toronto

rt Colborne Block Supply Limited, Port ecision Packaging Co. Ltd., Don Mills emium Forest Products Ltd., Toronto eston Metal and Roofing Products Ltd., eston

lymer Corporation Limited, Sarnia

kington Brothers (Canada) Limited, Toronto

otenax Ltd., Trenton

aker Oats Co. of Canada Ltd., Trenton

Tool and Plastics Ltd., Pickering

nger Metal Products Ltd., Guelph

tcliff's (Canada) Ltd., Richmond Hill uscher Plating Ltd., Hespeler ybestos Manhattan (Canada) Ltd., terborough di-Set Business Forms Ltd., Toronto flex Corp. of Canada Ltd., Amherstburg gency Plastics Co. Ltd., Toronto ichold Chemicals (Canada) Ltd., North Bay ch Products of Canada Ltd., Fort Erie ckwell Manufacturing Co. of Canada Ltd.,

C.M. Canada Ltd., London Lawrence Cement Co., Clarkson Mary's Cement Co. Ltd., St. Marys Thomas Metallic Industries Ltd., St. Thomas Williams Frozen Foods Ltd., Simcoe mson-Dominion Ltd., Toronto msonite of Canada Ltd., Stratford poline Co. Ltd., Windsor rnia Concrete Products Ltd., Sarnia holastic Book Service, Richmond Hill e Scholl Co. Manufacturing Ltd., Toronto hwitzer Corporation of Canada Ltd., atford

neca Wire of Canada Ltd., Richmond Hill akespeare Co. (Canada) Ltd., Orillia elby Knitwear Ltd., London

Sherman Laboratories Ltd., Windsor Silverwoods Dairies Limited, London Simplicity Products Limited, Hespeler R. J. Simpson Mfg. Co. (Canada) Ltd., Thamesville Sky-line Farms Ltd., Chatham Skyline Mfg. Ltd., Toronto E. D. Smith & Sons Ltd., Winona Specialized Plastic Products, Guelph Speedex Manufacturing Ltd., Richmond Hill Spinrite Yarns & Dyers, Listowel Standard Tube & T.I. Ltd., Woodstock Sta-Rite Industries of Canada Ltd., Ajax Stathmos Scale Mfg, Ltd., Markham Twp, The Steel Co. of Canada Ltd., Hamilton The Steel Co. of Canada Ltd., Welland Steele's Wire Springs Ltd., Guelph Stereodyne (Canada) Ltd., Toronto The Stirling Creamery Ltd., Sterling W. A. Stephenson Construction Co. Ltd., Richmond Hill Stouffville Machine and Tool Works Ltd.. Stouffville Stratford Machine and Tool Co. Ltd., Stratford Strathcona Paper Co. Ltd., Strathcona Strathroy Flour Mills Ltd., Strathroy Sun Tool & Stamping (1960) Ltd., Windsor Superior Brick & Tile Co. Ltd., Fort William

Superior Vault Company Limited, Streetsville Supreme Aluminum Industries Ltd., Pickering Swift Canadian Co. Ltd., Bramalea

T. R. C. Design and Mfg. Ltd., Ajax A. Talbot Limited, London Tandy Leather Company of Canada Limited,

Taylor Instrument Companies of Canada Ltd., Toronto

Tecumseh Metal Products Ltd., Windsor Ted's Tack Shop, Stirling Tee-Kay Apparel Ltd., Ft. William Thermoset Plastics (Guelph) Ltd., Guelph Timberjack Machines Ltd., Woodstock Toledo Commutator of Canada Limited, Barrie Toledo Scale Co. of Canada Ltd., Windsor Tonka Corporation (Canada) Ltd., Malton Toronto Envelope Co. Ltd., Toronto Toronto Plastics Ltd., Toronto Trenton Cold Storage Ltd., Trenton Trim-Gard Co. Ltd., London Trim Trends Canada Ltd., Dundalk Trim Trends Canada Ltd., Ajax Triple-A Manufacturing Co. Ltd., Agincourt Truck Engineering Ltd., Woodstock

Tycos Tool and Die Co. Ltd., Concord

Union Carbide Canada Ltd., Arnprior

Union Carbide Canada Ltd., Bramalea Uniroyal (1966) Ltd., Kitchener Uniroyal (1966) Ltd., Lindsay Urethane Products Canada Limited, Cooksville United Flexible Metallic Tubing (Canada) Ltd., Richmond Hill

V.O.B. Equipment Ltd., Sudbury Valenite-Modco Ltd., Windsor Valeriote Electronics (Guelph) Ltd., Guelph Van Raalte of Canada Ltd., London J.M.G. Vascan Co., Thornbury

W. & H. Voortman Ltd., Burlington Wabasso Ltd., Welland Wabco Equipment Canada Ltd., Paris B. D. Wait Co. Ltd., Oakville Hiram Walker & Sons Ltd., Walkerville Wallace & Tiernan Ltd., Toronto Wallaceburg Bookbinding & Mfg., Wallaceburg Wayne Sweeper Mfg, Canada Ltd., Bramalea Weil-McLain (Canada) Ltd., Bramalea Weldwood of Canada Ltd., Longlac Welker Industries and Co. Ltd., Kitchener Welland Forge Ltd., Welland West Bend of Canada Ltd., Barrie Western Gypsum Ltd., Clarkson Western Tarpaulin and Textiles Ltd., Toronto Western Ontario Distributors Ltd., London Wheaton Glass Co. of Canada Ltd., Brampton Wheelabrator Corp. of Canada Ltd., Oakville Will-Tools Ltd., Cooksville Windsor Machine & Stamping Ltd., Windsor Wix Corp. Ltd., Toronto W. C. Wood Co. Ltd., Guelph Robt, Woolley Co. Ltd., Galt

Ziebart Auto-Truck Rustproofing (Richmond Hill) Ltd., Richmond Hill



Trade Shows and Exhibits

Ontario products and industrial development opportunities were featured at Province-sponsored exhibits and information booths at 16 international trade shows and conventions in five countries during 1968. The events:

National Sporting Goods Association Show, Chicago, Illinois/Feb. 4-8. 19th International Gifts Fair, Blackpool,

England/Feb. 4-9.

International Household Goods and Hardware Fair, Cologne, Germany/Feb. 15-18.
Design Engineering Show,

Chicago, Illinois/April 22-25.

German Industries Fair, Hanover, Germany/ April 29-May 5.

7th International Instruments, Electronics & Automation Exhibition, London, England/May 13-18.

Western Electronic Show & Convention (Wescon), Los Angeles, Calif./Aug. 20-23. Ontario Trade Exhibitions, Sydney, Australia/ Sept. 3-6; Melbourne, Australia/Sept. 10-13. International Woodworking Machinery & Furniture Supply Fair, Louisville, Kentucky/ Sept. 14-18.

70th Annual Meeting of the American Hospital Association, Atlantic City, N.J./Sept. 16-19. Stockholm Technical Fair, Stockholm, Sweden/Oct, 4-10.

Sweten 70t. 410.

50th Materials Engineering Exposition & Congress, Detroit, Mich./Oct. 14-17.

International Trade Fair of Sporting Goods, Camping Equipment and Garden Furniture (SPOGA), Cologne, Germany/Oct. 20-22.

Truck, Body & Equipment Assoc. Convention and Exhibition, Cleveland, Ohio/Oct. 28-30.

Northeast Electronics Research & Engineering Meeting (NEREM), Boston, Mass./Nov. 6-8.

Public Works & Municipal Services Exhibition, London, England/Nov. 11-16.



Hot buttered corn-on-the-cob, served at the Ontario Food Council stand, East Midland Home Life Exhibition, Leicester, England.

mpanies taking part included: vanced Transducer Systems Ltd., Toronto onquin Marine Ltd., Toronto nerock Ltd., Meaford drock Ltd., Watford glo Traders Ltd., Toronto ua Marine Manufacturing Ltd., Toronto chery Craft Company Ltd., Toronto A. Armstrong Ltd., Toronto tomotive Hardware Ltd., Toronto rringer Research Ltd., Rexdale y Mills Ltd., Midland autiline Limited, Weston ue Mountain Pottery Ltd., Collingwood wmar Canada Ltd., Ottawa yd-Crane Manufacturing Ltd., Downsview ushcraft Division, Dustbane Enterprises nited, Ottawa rke & Wallace Ltd., Rexdale C.M. Div. of Levy Industries, Weston nadian Acme Screw & Gear Ltd., Toronto e Canadian Coleman Co. Ltd., Toronto nadian Magnesium Products Ltd., Preston nadian Seating Co. Ltd., Toronto rtified Automotive Products, Rexdale R. Clark Co. of Canada Ltd., Port Credit orge Cluthe Mfg. Co. Ltd., Waterloo oper-Weeks Ltd., Toronto osman Arms Canada Ltd., Dunnville rlmaster Brooms Ltd., Port Elgin isy Mfg. Co. of Canada Ltd., Preston lamere & Williams Co. Ltd., Toronto Ihi Industries, Delhi ntor Enterprises Ltd., Toronto Zurik of Canada Ltd., Galt bbie Industries Ltd., Galt stbane Enterprises Ltd., Ottawa gle Tie Machine Co., London e Electric Chain Co. of Can., Toronto co Ltd:, London peror Tent & Trailer, Breslau Fringham Bros. Ltd., Toronto pricushion Ltd., Toronto ntasy Copperware of Can, Ltd., Toronto ritronics Ltd., Richmond Hill x-O-Lite of Canada Ltd., St. Thomas rrett Mfg, Ltd., Rexdale mcraft Ltd., Toronto neral Time of Canada Ltd., Peterborough mco Solder Alloys, Scarborough phico Precision Works Ltd., Scarborough b Industries Ltd., Kitchener Idline Instruments Ltd., Smiths Falls ley Co. Ltd., Scarborough A. Gunther Co. Ltd., Brantford nmond Mfg. Co. Ltd., Guelph speler, St. Mary's Wood Specialities Ltd.,

PHoles-Webway Co., Weston Prnational Control Systems Ltd.,

rborough



Juhlke Thuro Ltd., Beamsville Kaufman Footwear Ltd., Kitchener George Kelk Ltd., Don Mills Klassen Bronze Ltd., New Hambing Kroy Unshrinkable Wools Ltd., Toronto Laidlaw Lumber Co. Ltd., Weston Lifetime Decorative Mfg. Ltd., Downsman Lipman Brothers Ltd., Toronto Lite Metal Products Limited, Cooked like The Lufkin Rule Co. of Canada, Barrie Millbrook Industries Ltd., Millbrook Milmar Magnesium Equipment Co Tarrento Muirhead Instruments Ltd., Strational Myers Wire Products Ltd., Cooksville Nash & Harrison Ltd., Ottawa Neo Companies, Hamilton Ni-Sil Cables Ltd., Toronto Nortex Products Company, Toronto O. & W. Electronics Ltd., Don Mills Payne Mfg. Co. Ltd., Toronto Precision Electronics Components Ltd. Toronto Progressive Laboratories Ltd., London Richmond Hill Laboratories Ltd., Scarborough Safety Supply Company, Toronto Service Truck Cushion Ltd., Toronto Shaw-Almex Industries Ltd., Parry Sound Shuttleworth Moulded Products Ltd., London Spar Aerospace Products Ltd., Toronto Tropicana Pools Ltd., Oshawa Utility Housewares Ltd., Toronto Vanam Associates Ltd., Toronto Voyageur Emblems Ltd., Alliston Walinga Body & Coach Ltd., Guelph Hiram Walker & Sons Ltd., Walkerville R. C. Ward & Co. Ltd., Scarborough Wayne Sweeper Mfg. Co., Bramalea Wellinger & Dunn Ltd., Toronto Werlich Industries Ltd., Preston Wilson Motor Bodies Ltd., Burlington Worthington (Canada) Ltd., Brantford

TRADE AND INDUSTRY SERVICES

The programs and services of the Trade and Industry Division were presented to Canadian and visiting businessmen at information booths featured at six trade shows in Toronto during 1968:

Canada Farm and Industrial Equipment Show/ Jan. 24-27.

Materials Handling Show/April 30-May 2. Canadian Association of Purchasing Agents Annual Convention/May 26-28. Atom '68 Show/June 9-13. Canadian National Exhibition/Aug. 16-Sept. 1 Canadian National Business Show/Sept. 20-26.

Ontario Offices and Representatives Abroad

London

Ontario House 13 Charles II Street London, S.W.1, England Phone 01-930-6404

Agent General: Allan A. Rowan-Legg

Senior Industrial Counsellor:

W. T. Thompson

Director of Agricultural Branch:

E. F. Marritt

Deputy Director, Immigration: H. G. Donaldson

Glasgow

Officer-in-Charge, Immigration: R. D. Cooper St. Andrew House 141 West Nile Street Glasgow C.1, Scotland Phone 041-332-1085

Dusseldorf

Trade and Industrial Counsellor:

R. H. Stapleford Flingerstrasse 11

4 Dusseldorf, West Germany Phone 8-13-54

Trade and Industrial Counsellor: E. Vita-Finzi

Via Senato, 12

20121 Milan, Italy Phone 781-162

Stockholm

Trade and Industrial Counsellor: H. Martinsen

Strandvagen 7B

Stockholm, Sweden Phone 61-19-00

Trade and Industrial Counsellor: G. L. Milford

c/o Lilienbrunn Gasse 3, Apt. 6 Vienna 2. Austria Phone 35-46-55 Brussels

Trade and Industrial Counsellor: Paul Samson c/o 8 Avenue de L'Oree

Phone 48-34-50 Brussels 5, Belgium

New York

Senior Industrial Counsellor:

J. L. Franks 680 Fifth Avenue, Room 1302

New York, N.Y. 10019 Phone (212) 247-2744

Senior Industrial Counsellor:

J. B. Lewis

Suite 705, 11 East Adams St.

Chicago, III. 60603 Phone (312) 922-2170

Los Angeles

Senior Industrial Counsellor:

H. V. McMurray Suite 1001

606 South Olive Street

Los Angeles, Calif. 90014 Phone (213) 627-3531

Trade and Industrial Counsellor:

J. M. Lappin

1940 East 6th Street, Room 923

Cleveland, Ohio 44114 Phone (216) 861-7690

Trade and Industrial Counsellor:

H. Nellis Suite 1800

230 Peachtree Street N.W. Atlanta, Ga. 30303 Phone (404) 577-1883

Trade and Industrial Counsellor:

L. M. Cranston

755 Boylston Street

Boston, Mass, 02116 Phone (617) 261-8859

Kingston

Trade and Industrial Counsellor:

R. Groves

P.O. Box 141

Kingston 10, Jamaica, W.I. Phone 61-19-00







Department

of Trade and Development

950 Yongs Street Toronto, Ontario

Minister:

Hon, Stanley J. Randall

Deputy Minister: Stuart W. Clarkson

Trade and Industry Delicity

P. A. York, P.Eng., Executive Director

Marketing Branch J. J. Graham, Director

Industrial Development Branch N. R. Radford, Director

International Branch W. A. Fowler, Director

Research Branch R. T. Cooper, Director

Trade Fairs Branch L. A. Hassell, Director

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Ontario Industrial Review

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Review **Ontario Industrial**



Industrial

Review



ONTARIO

Department
of Trade
and Development

50 Yonge Street foronto, Ontario

on, Stanley J. Randall

eputy Minister: tuart W. Clarkson

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Trade and Development Minister Stanley J. Randall.

Bridge to the Expanding Seventies

The year 1969 saw man land on the moon . . . the birth of the 21-millionth Canadian . . . and the demise of the 5 cent popsicle. These events were symbolic of continuing technological advancement, further growth of our country, and one of our most pressing problems — inflation.

For Ontario, progress in the 60's could be looked back on with pride. The future prom-

ised even more.

Despite restricting federal monetary and fiscal policies, strikes in Ontario's manufacturing, mining, and construction industries, and a weakening in the automobile and housing industries during 1969, Ontario's gross Provincial Product set a record of over \$32,000,000,000 — 9.6 per cent higher than in 1968. And by the end of the year, most major strikes had been settled, and production in the industries affected began to show signs of improvement.

Across the province, secondary manufacuring and exports continued to expand, and bur efforts to stimulate and balance industrial and regional growth, and ensure job opporunities were maintained. This edition of the Ontario Industrial Review summarizes the programs of my department in these areas.

During the year, the province gained 159 lew manufacturing plants, and 414 plants exanded. Representing more than \$375,034,656 avestment, these new and expanded plants provided an additional 11,753 new jobs for

Intarians.

The province's manufacturing base further roadened during the year with 144 Ontario companies completing licensing arrangements with other firms to manufacture new products adopt new processes. Eleven Ontario comanies also entered joint venture manufacturing partnerships with foreign firms to extend neir range of products and processes.

While the increase in total Canadian exports n 1969 over 1968 was 9.5 per cent, Ontario's ncrease was more than 14 per cent. On a najor segment breakdown, Ontario's main xport increases were in the fully manufacured sector, where we must continue to look

for major gains. Manufacturing now accounts for 36 per cent of Ontario's output. Ontario's exports of road motor vehicles and parts, for example, reached \$3,200,000,000—an increase of some 32 per cent over 1968. And Ontario's total exports of \$6,800,000,000 accounted for some 46 per cent of all Canadian exports during the year.

Contributing to Ontario's export drive, 188 companies took part in 25 department-sponsored sales missions to more than 20 countries in 1969. Initial sales were \$26,000,000, bringing total estimated sales since our trade crusade program began in October, 1962, to

\$244,000,000.

During the year, we opened three new trade offices abroad. We helped 123 Ontario companies exhibit their products at 22 interna-

tional fairs.

Looking to the future, the Economic Council of Canada estimates that from 1970 to 1980, Canada's economy has the potential to expand at a real growth rate of 5 per cent a year. When added up, this is a remarkable potential. And Ontario traditionally accounts for 40 per cent

of Canada's output.

But what the future has in store for Ontarians depends on what Ontarians place in store for the future. Our expanding labor force and our expaning investment must increasingly be coupled to expanding productivity. To reach our economic and social potential, we must increasingly improve our products, production, management and markets. We must make economic growth one of the chief goals of our society. And to ensure our society's vitality continues, we must use our growth and wealth to improve the quality of our lives and pursue excellence.

The bridge to the Expanding Seventies — 1969 — carried us closer to our goals.

S. J. Ramere



economy ontario

After an unprecedented period of growth, th Ontario economy experienced some dislocations in 1969. During the second and thir quarters economic growth fluctuated aroun the zero mark.

The prime reasons for this interruption wer the stringent monetary and fiscal policies be both the U.S. and Canadian governments tombat one of the worst periods of inflatio since 1951, and a series of strikes largely certered in Ontario's mining, manufacturing an construction industries.

Other signs of weakness appeared in th housing and automobile industries. New dwe ling unit starts in Ontario reached a pea during the first quarter of 1969, only to declin steadily during the remainder of the year. Automobile exports continued to lead Ontario's export performance but demand for new cars affected by tight credit, dropped off considerably throughout North America. There were not signs of improvement with the introduction of the 1970 models.

Despite these problems Ontario's gross provincial product reached an all-time high of \$32,300,000,000 in 1969 — 9.6 per cent highe than in the previous year. The average rate of unemployment for the year was 3.1 per cent of the labor force, compared to 4.7 per cent for Canada as a whole. But, due to inflationar rises in prices and costs, Ontario's growth it real terms was around 5 per cent. Growth, however, was slightly better than the national average.

By the end of the year, most major strike had been settled, and production in the affecte industries began to show signs of improvemen after setbacks in the summer and fall. Monetar and fiscal authorities throughout North Americ have indicated that restraints will remain unt the inflationary pressures show signs of easing. These restraints have continued to apply brake; to economic activity.

Automotive production in particular has been drastically cut back. In addition, unemployment is rising.

Capital Investment

One of the most sensitive indicators of ecoomic activity is the direction and flow of new apital investment. Originally it was anticipated hat total new private and public investment in Intario would rise by some 16 per cent during 969 but, due to strikes, credit restrictions and general squeeze on profits, new capital inestment rose to \$6,000,000,000, compared to n expected level of \$6,400,000,000. The actual ncrease was 9 per cent over the 1968 level.

The major increase was in the residential onstruction field which rose to \$1,400,000,000 – 20 per cent over the previous year. Neverheless, these buoyant figures hide the fact that ew residential construction, which reached a eak in early 1969, resulted from a large carryver of new housing starts in late 1968. During the remainder of the year new housing starts all off sharply.

Business investment, which was expected to rovide the major impetus to new investment utlays for 1969, took the brunt of the scale-own in investment activity. The rise in this ector was kept to an 11.5 per cent gain, comared to an anticipated 20 per cent increase.

Most of the business expenditures occurred the chemical and allied products, and fabriated materials industries. Other significant exenditures were made in the primary industry actor including pulp and paper, sulphuric acid roduction, and the steel industries. Lesser xpenditures were also carried out in the electical machinery and equipment industry, the ansportation and equipment industry, and the od and beverages industry.

As in recent years the greatest concentration fnew industrial expenditures occurred in the letro-central and southwest areas of the provice.



Trading floor, Toronto Stock Exchange.

Ontario Growth at a Glance

	\$21,300 million 9,700 " 11,600 " 1,400 "			Percentage Change*	
	1968	1969	1970	69/68	70/69
		(estima	ited)		
Manufacturing Shipments Non-Durables Durables Mining Production Retail Sales Wages and Salaries Unemployment Rates: (annual averages) Ontario Canada	9,700 " 11,600 "	\$22,600 million 10,300 " 12,300 " 1,200 " 10,600 " 15,600 " 1969 or force) 3.1 4.7	\$24,000 million 10,900 "' 13,000 "' 1,500 " 11,300 "' 16,900 "	+ 6.3 + 5.8 + 6.7 10.4 + 7.7	+ 5.8 + 6.1 + 5.0 + 12.6 + 6.7

calculated from unrounded figures



Industrial Production

Strikes and monetary and fiscal restraints als held back the advance in over-all industriproduction. Most heavily affected were the miling, manufacturing, and construction industrie which were disrupted by mid-year strikes ar lockouts.

Mining output fell by nearly 14 per cent in the second and third quarters. There was some recovery in the fourth quarter as strikes we settled.

Manufacturing output, which accounts for 36 per cent of the total gross provincial product, rose by 6.2 per cent for the year as whole, despite a levelling off during the secon and third quarters. Most of the recovery we in the last quarter of the year.

Automotive output again provided the drivir force behind the rise in manufacturing prodution, although the trend was downward at the end of the year. For the year as a whole the total increase in motor vehicle production was 15 per cent above the previous year. In 196 the increase was 43 per cent.

Private and Public Investment in Ontario

				Percentage Change	
	1968	1969	1970	69/68	70/69
	(estimated)				
Private Public	\$4,218 million 1,305 "	\$4,701 million 1,318 "	\$5,291 million 1,384 "	11.5 1.0	12.6 5.0
otal	\$5,523 million	\$6,019 million	\$6,675 million	9.0	10.9
Machinery and equipment Construction Non-residential Residential	\$1,948 million 2,270 " 1,132 " 1,138 "	\$2,101 million 2,600 " 1,234 " 1,366 "	\$2,380 million 2,911 '' 1,518 '' 1,393 ''	7.9 14.5 9.0 20.0	13.3 12.0 23.0 2.0

Exports

automobile shipments, still resulting from raonalization effects of the automotive free
rade agreement between the U.S. and Canada,
ccounted for by far the largest portion of
intario's export increases in 1969. For the
ear as a whole Ontario's exports rose to
6,800,000,000, or an increase of 14 per cent
wer the previous year. Exports of motor vehiles and parts represented over 90 per cent of
its increase.

In addition, Ontario's share of total Canadian xports expanded to 45.8 per cent, compared

with a 44 per cent share in 1968.

On a major segment breakdown, the main xport increases were in the fully manufactured roducts sector, almost exclusively related to utomotive shipments. Food and beverages howed smaller increases. Exports of fabriated or semi-manufactured goods remained irtually the same as in 1968, while exports of rude materials dropped by nearly 13 per cent om 1968 levels.



Ontario Exports — 1968 and 1969, and Total Canadian Exports

Category	Ontario exports to all countries	T968 Canadian exports to all countries	Ontario as a percentage of total Canadian	Ontario exports to all countries	1969 Canadian exports to all countries	Ontario as a percentage of total Canadian
Live animals Food, feeds, beverages and tobacco Crude materials, inedible Fabricated materials, inedible End products, inedible Special transactions, trade	\$ 22,874,000 327,078,000 666,930,000 1,373,089,000 3,560,313,000 20,937,000	\$ 59,614,000 1,565,364,000 2,478,370,000 4,915,457,000 4,511,787,000 43,751,000	38.37 20.89 26.91 27.93 78.91 47.85	\$ 26,817,000 360,092,000 583,744,000 1,382,818,000 4,443,966,000 17,476,000	\$ 54,639,000 1,431,280,000 2,473,726,000 5,240,488,000 5,630,330,000 38,740,000	49.1 25.2 23.2 26.4 78.9 45.1
Totals	\$5,971,221,000	\$13,574,343,000	43.99	\$6,814,913,000	\$14,869,203,000	45.8

Income

Total personal income in 1969 rose 11.2 per cent to \$24,900,000,000. Much of this rise reflected a 12 per cent advance in wages and salaries, resulting from new labor contracts during the year. Per capita personal income for the year rose by 9 per cent to \$3,341.





1968 1969 (68-69)Percentage Category **Domestics** Re-exports Total Domestics Re-exports Total change Live animals 22,835,000 26.817.000 +17.339,000 22,874,000 26,611,000 205,000 Food, feed, beverages and tobacco 326,216,000 861,000 327,078,000 353,706,000 577,339,000 6,386,000 360.093.000 +10.1Crude materials, inedible 662,846,000 -12.5 4,085,000 666,930,000 6,405,000 583,744,000 Fabricated materials, inedible + .7 +24.8 1,322,375,000 1,326,430,000 60,443,000 1,382,818,000 46,659,000 1,373,089,000 End products, inedible 3,423,109,000 137,205,000 4,268,007,000 175,960,000 4,443,966,000 3,560,313,000 Special transactions, trade 19,478,000 17,476,000 -16.51,459,000 20,937,000 15,858,000 1,618,000

\$190,307,000 \$5,971,221,000 \$6,563,897,000

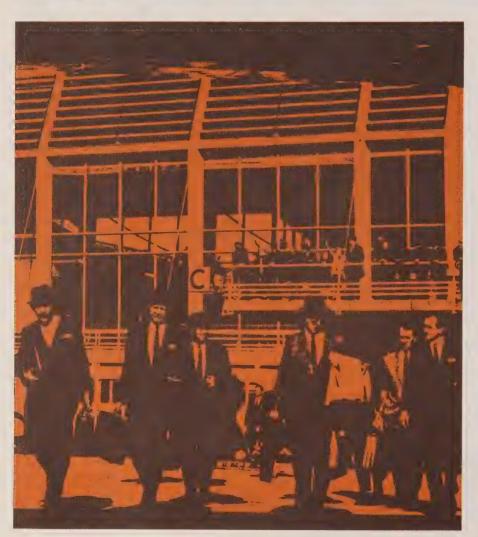
\$5,780,914,000

Totals

+14.1

\$251,016,000 \$6,814,913,000

For Export: Ontario Products, Processes, Produce and Partnerships



Sales missions sponsored by the Departmer of Trade and Development to 20 countries in 1969, chalked up initial export orders exceed ing \$26,000,000.

Item: a building supplies manufacturer sole \$1,000,000 worth of material at a building ex hibition in London.

Item: a furrier sold \$250,000 worth of men's fu coats at an exhibit in the United States.

Item: a mining equipment manufacturer solutions to \$500,000 worth of drilling equipment in Eastern Europe.

Sales by mission No. 135 were typical of achievements during the year. Concluding 26-day swing through Scandinavia, Hollanc Belgium and France, the businessmen werbusy with their order books for products ranging from marine hardware and electrics systems to swimming pools and amphibiou vehicles. Six new distributors were appointer for Ontario products.

Mission member Lloyd Archer, export man ager, Brydon Brass Manufacturing Co. Ltd Rexdale, manufacturers of marine fittings and hardware, commented that his company nov sells in 22 countries throughout the world. "have picked up orders in Scandinavia, Bel gium and Holland," he said. "I should add tha our world-wide export sales were develope through impetus from the Ontario trade missions." The company was represented on a mission several years ago when it first se cured a foothold in Europe.

George McAteer, president of Reliance Too and Die Casting Ltd., St. Thomas, said he had appointed another distributor in Europe and obtained sample orders "from which we will build up new business as soon as these initia orders help us assess the competitiveness of our power bench saws and planers." His U.K business he described as "quite big—and steadily expanding."

Under the trade mission program, the de partment pays return economy air fare fo participating salesmen, and arranges appoint ments with prospective customers for Ontaric products, processes and produce. All othe expenses are the responsibility of the business

An integral part of the province's industria development program which calls for 100,000 new jobs for Ontarians annually and extendithe sources of Canada's foreign earnings, Ontario's trade mission program was launched in October 1962. Since then, sales exceeding

\$244,000,000 have been booked by more than 1,251 companies taking part in 142 missions

organized up to the end of 1969.

The foreign trade services of the federal Department of Industry, Trade and Commerce play a vital role in Ontario's trade mission program. A total of 188 companies were repre-

sented on missions in 1969.

A total of 123 Ontario companies took part in exhibits sponsored by the department at 22 international trade fairs in 1969. These exhibits enable the companies to place their products in direct competition with leading world suppliers and to compare design, quality, packaging, cost, and merchandising techniques.

Eight manufacturers who took part in the department-sponsored exhibit at the Hospital Convention Show in London, for instance, reported cash sales of \$154,000 plus appointment of agents for the United Kingdom and Europe.

"By arranging for our unit to be made under licence in Britain we've found a way of getting nto an overseas market without big capital nvestment," reported Ed Griffiths, of Electro-

craft of Canada Ltd., Kingston.

In the first of a new series of exhibits aunched in the year to make Ontario goods setter known in U.K. provincial centres, the department mounted displays of camping aquipment, toys, giftwares, food, golf clubs, storm doors and suitcases at Manchester, iverpool, Birmingham, Glasgow and Leicester. Results were \$100,000 in initial sales, and wice that amount in orders pending.

Information booths to interest foreign businessmen in Ontario's industrial and investment opportunities and to further trade ties and promote the province generally, were eatured at shows and conventions in Canada, he U.S. and abroad in 1969. Many companies were counselled on the availability of capital grants and loans through the Ontario Development Corporation. Displays of Ontario products were also featured in the windows of Ontario douse in London, England, during the year.

The department's marketing branch also promotes Ontario products and processes by pringing groups of foreign buyers to the provence. Visiting groups in 1969 included 38 furniure buyers from the United States who attended the Eedee furniture design awards presentation and Canadian Furniture Mart in foronto; a trade delegation from Yugoslavia, an Israeli power mission, groups of businessmen from Jamaica and Venezuela interested in



aspects of airport operation, and a banking delegation group from Greece.

Others introduced to Ontario manufacturers and distributors were a Central American agricultural delegation, a Hungarian government delegation, and business groups from Southeast Asia, Cyprus and the Soviet Union.

Under the department's auspices, 81 industrial buyers from 41 foreign countries attended the Canadian Farm and Industrial Equipment

Show, Canadian Education Showplace, Canadian Restaurant Show, Production and Woodworking Show, International Electronic Conference, Canadian Winter Sports Show and the Plastics Show.

Nineteen licensing agreements were completed by Ontario companies during the year to have products ranging from sporting goods and materials handling equipment to chimneys and gas vents, manufactured in other countries. Seven agreements were signed with companies in the United States, five in the United Kingdom, two in West Germany, two in the West Indies and one each in Austria and Italy.

To assist Ontario businessmen in their understanding of export business and foreign commercial practice, the branch sponsored two and three-day seminar courses in Oshawa, St. Catharines, Collingwood, Don Mills, Kingston, Peterborough and Ottawa during the year. The seminars were attended by 381 business.

ness executives.

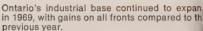
The department also organized a discussion and seminar in Toronto dealing with licensing and joint venturing in foreign markets by Canadian companies. This program was designed to encourage the 300 Canadian executives attending to consider the possibility of expanding their operations into international markets but maintaining control in the Canadian head-quarters. Further, the possibility of revenue developing through licensing agreements was studied by the panel of international experts in this field.

Under the engineering services abroad program, aimed at selling Ontario technical knowhow, heavy equipment and materials in other countries, the department assisted 26 companies investigate and prepare studies and proposals during the year. Projects included mapping in Nigeria and Uganda, agriculture projects in Korea, airport studies in Venezuela and Brazil, and an asbestos project in Greece. A group of nine companies was assisted to investigate medical and educational projects in the Middle East.

In addition, projects are being investigated in such areas as Malaysia, Fiji, Cuba and Africa. At least three contracts have been awarded to companies involved with estimated possible business which could involve up to \$15,000,000.

Twelve monthly and eight special marketing opportunity bulletins published in the year contained 1,441 items of interest to Ontario manufacturers seeking new outlets abroad.

industrial growth



A total of 159 new manufacturing plants add ed 3.700.000 square feet to the province's mar ufacturing and industrial space and create 5.107 new jobs, according to a survey by th Industrial Development Branch, Estimated re quirements for buildings and equipmer amounted to \$111,000,000.

While the branch's international represents tives continued to recruit new industries an manufacturing technique from foreign cour tries, the majority of new manufacturin establishments gained in the year originate in Canada. A further 144 Ontario companie completed licensing agreements with com panies in the U.S., Canada and abroad t manufacture new products or introduce new

During the year, 11 Ontario companies enter ed into partnerships with foreign firms to forr new companies on a shared equity basis. These joint venture arrangements provide advantage

to both principals.

The Ontario partner usually provides the plant space and equipment, skilled tradesme and sales connections, and the foreign partne contributes the new product specifications an technical advice, special machinery and share of capital investment, if required. Th Branch Plant Section regularly offers new prod uct opportunities to Ontario manufacturer through a confidential bulletin service.

An additional 414 Ontario plants expanded in 1969 at a total cost of more than \$264,034,656 Some 6,646 new jobs resulted, and 9,567,955 square feet of manufacturing space was added

Such annual growth of the Ontario economy is stimulated by the industrial consulting ser vice provided to Canadian and foreign client: by the branch. The responsibility for attracting new industry to Ontario is solely a provincia matter, and the branch's numerous programs are geared to further industrial growth, produc tivity, and employment opportunities.

While the main criteria affecting selection of the most suitable site for a new plant remain fairly constant, a complete case study for a firm must include the factors which will enable man agement to evaluate their relative importance to present and future needs. Critical trend must be considered, such as the changing labo requirements of industry as mechanization in creases, the need for in-plant training to sup plement the recruiting of skilled workers, and the size and character of a small community versus a metropolitan centre.

While fuel, power, and transportation availa bility provides reasonable freedom of location water problems impose increasing restrictions





where the usage exceeds the normal sanitary requirements. These and many other factors are discussed with management during the preparation of a case study.

The day may not be far off when a computer will produce the perfect solution. But at present the human element in manufacturing activities, and the many non-technical problems demand that top management exercises its responsibility for substantial investment decisions. The aim of the branch's consulting service is to provide the information to enable a firm to make the best selection.

One of the most popular periodicals used by industry is the monthly Manufacturing Opportunities Bulletin, issued by the Manufacturing Arrangements Section of the Industrial Development Branch. The simplified bulletin brings together classified listings of new products and inventions from all parts of the world, available for immediate licensing arrangement with Ontario manufacturers.

A listing of unusual manufacturing facilities available for sub-contract work is produced in conjunction with the New Products Section. Another section dealing with contracts available lists contract work available to successful bidders.

Programs are designed to assist Ontario manufacturers seeking diversification or expansion to locate new products, processes, or sub-contract work for their industries. During 1969, 144 licensing agreements were completed in the province, representing a potential of at least \$27,000,000 through sales and related employment.

The industrial development officers calling regularly on industry handle consultations throughout the year on matters pertaining to production techniques and availability of raw materials and finished parts. Their regular duties include advice on new product development.

At intervals the staff organize product prospecting missions which travel to different parts of the world seeking out new licensing opportunities and items of interest to companies. Product prospecting missions in 1969 travelled to Italy, to the Fiero de Milano International Trade Fair, followed by visits to the Hanover Trade Fair, West Germany, and other international exhibitions with potential to develop new business. Another mission covered the Scandinavian countries and the United Kingdom. Results in 1969 were four licences completed and 250 new products under consideration.

Another area of increased activity is the contract procurement program designed to bring together the buyer and seller of contract work. The classified sections of the monthly Manufac-

turing Opportunities Bulletin includes such opportunities. Preliminary statistics indicate that over 160 companies used this listing during the year, 70 firms inquired of these services, 12 contracts were placed, and 20 were under negotiation at year end.

The contracts available section had several million dollars worth of business under nego-

tiation at the end of 1969.

The branch's Technology Section combines services to municipalities to support their industrial development programs and technological assistance to manufacturing companies to promote industrial growth. During the year, personnel of the branch made 74 visits to municipalities to meet with municipal officials and industrial development commissions. In addition, 195 consultations were held in the offices of the branch with visiting municipal representatives, to discuss industrial development plans.

To assist the department and other government agencies in their research and planning, special economic surveys were made in 16 municipalities throughout the year. As a service to prospective industrial investors and industrial development agencies, comprehensive survey forms were prepared on 525 Ontario municipalities.

To assist manufacturers to locate suitable buildings, the branch maintains a file of vacant plants for sale or lease. Throughout the year, frequent reference was made to the some 350 listings available.

Special emphasis was placed on assisting Ontario industry to acquire and apply technical information. The new Technology Section was established during the year, and two programs were introduced. Twenty-two executives of technologically-oriented firms were taken to a plastics conference and exhibition in London, England, and to a manufacturing engineering conference and exhibition in Mexico City.

The Technology Section also introduced a product development clinic program, with the first two events taking place in Belleville and Brockville. These were attended by 95 representatives of local manufacturing firms who discussed product, processing, and manufacturing problems with qualified consultants. This program was co-ordinated with regional development managers and industrial commissioners to assist them in their efforts to help local industries grow.

In response to specific requests from manufacturing companies, the staff of the branch made 136 visits to companies to consult on technical and production problems.

Our men from Ontario









Ontario's efforts to facilitate contacts between the province's industries and the business communities in other countries were extended into Eastern Europe and Asia during 1969. New trade office posts were opened in Vienna, Tokyo and Brussels.

As well as serving Austria, the Vienna office covers Bulgaria, Czechoslovakia, Hungary, Poland, Rumania and Yugoslavia. And in addition to the new office established in Tokyo, a trade official was appointed for posting to Osaka during Expo 70. He will be attached to the Ontario Pavillon to process business inquiries concerning the province.

The opening of the three new offices in 1969 brings to 14 the number of key centres around the world where international trade and industry counsellors — men experienced in business and industry — endeavor to bring new industry, technology and investment to the province, and promote export sales. They also encourage foreign businessmen to establish new manufacturing plants in Ontario or to enter into joint ventures or licensing arrangements with Ontario manufacturers.

In promoting exports, the counsellors provide business leads to members of Ontario trade missions and individual Ontario businessmen, recommend reliable agents and distributors for Ontario products, and assist in Ontario's participation in international trade fairs. Industrial seminars, economic workshops and business opportunity missions in which teams of coun-

sellors visit specific areas to familiarize industrialists and businessmen with Ontario, were again conducted in 1969.

Full scale Ontario trade and industry offices — where counsellors are assisted by locally experienced marketing specialists — are located in London, New York, Chicago and Los Angeles. Counsellors operate from one-man offices in Atlanta, Boston, Cleveland, Frankfurt, Milan, Stockholm, Vienna, Brussels, and Tokyo.

Plans were finalized in 1969 to open a new one-man office in Minneapolis/St. Paul to cover the north-central United States.

The case of the wheezing penguins

Medical equipment designed in Ontario for treating *human* respiratory ailments solved a different problem for a group of sick Emperor penguins acquired in 1969 for the zoo at Long-

leat. Wiltshire, England.

Fifty penguins arrived wheezing from a killer fungus that attacks the lungs of animals, giving all the symptoms of acute bronchitis. The disease responds to treatment by a special drug, but there is a problem of administering it to penguins who have lost their fishy appe-

tites and take unkindly to injections.

The veterinarian in charge of the zoo was in a quandary until he remembered a deep mist therapy unit, introduced in the U.K. by Winliz Instrumentation Ltd., Brantford, Ontario — one of eight exhibitors at a group display sponsored by the Ontario Department of Trade and Development during the British Hospital Convention in London. The unit mixes air and water, producing a very fine mist that is effective in relieving disorders of the breathing tract.

Setting up a tent, the veterinarian mixed amounts of a special drug in the aerosol produced by the unit, and herded in the penguins for therapy. Result: only three deaths in the group, and 47 healthy survivors. The zoo's staff was so impressed by the unit's effectiveness they are buying one for future treatment of animals.



Penguins thrive at Longleat Zoo, England.

RESEARCH

The Research Branch is primarily the analytcal and planning arm of the Trade and Indusry Division. It also prepares various directories and statistical publications concerning the province's trade and industrial development.

In 1969, a total of 467 market reports were compiled for manufacturers wishing to establish new or expanded facilities in Ontario. The branch also completed an in-depth study of he sand castings industry, which included narket details for castings, broken down into ype of castings, the weight range, and details of the consuming industry.

Most foundries in the province were visited by members of the research staff to discuss letails of the study. Copies have been widely

listributed to the industry.

A review of the implications of tariff and uota applications on the textile industry in Lanada was undertaken by the branch in 1969 n conjunction with the federal government and the Canadian Textile Institute. Detailed tudies of the machinery and automotive injustries of Ontario included such aspects as roductivity, research and development, Canalian ownership, tariff protection and import and export dependency.

To assist Ontario companies and other rganizations develop new export sales, 25 etailed market surveys of foreign countries were completed and made available during the ear. This brings the total of major trading ations around the world surveyed by the ranch to 65. To stimulate interest in specific tarket areas of the world, 43 shorter feasi-illity studies on foreign markets were also

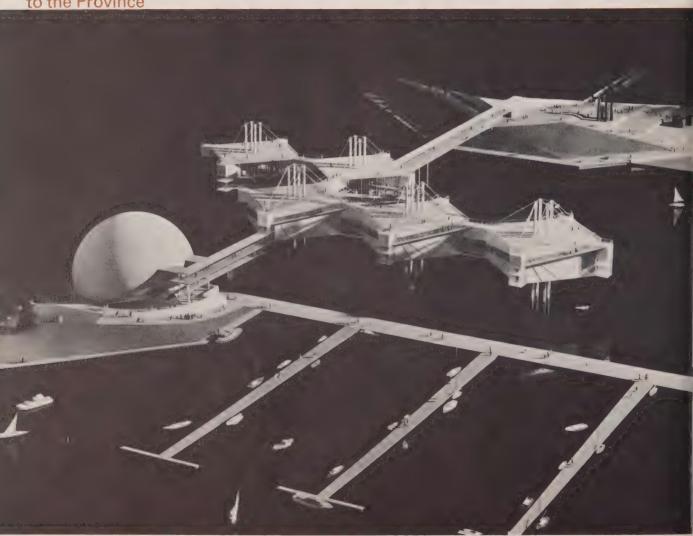
ompleted for Ontario products.

Supplementing these studies, a new edition f Statistics for Profit was published in the ear. This booklet indicates world markets for nation products; U.S., U.K. imports and Canaian export opportunities in these countries; nd local fabrication opportunities for Canaian industry. New editions of Ontario Products r Export, Ontario Exports by Commodities, nd Ontario Exports by Countries were also ompleted during 1969. These publications all m at pointing to new sales opportunities for ntario companies.



Windows on Ontario

EXPO 70 and the exciting new complex off Toronto's shoreline give new perspectives to the Province



Ontario Place, under construction off Toronto's waterfront.

In locations seven thousand miles apart, engieers and construction crews worked to tight chedules throughout 1969 on projects which ill tell the world the Ontario story, and better amiliarize Ontarians with their province. Both re the responsibility of the department's Spe-

ial Projects and Planning Division.

Ontario Place, a dynamic new showcase for ne people of Ontario and visitors to the provice, is fast becoming a reality off Toronto's horeline. By May 1971, 80 acres of land and ater south of the Canadian National Exhibition rounds will be transformed into an imaginave complex of four man-made islands, conected by a bridge, with a five-"pod" pavilion t its centre. To cost \$14,000,000, Ontario lace will be three times larger than the Ontario avilion at Expo 67.

A dome-shaped theatre, two newly created lands to shelter the buildings, a 350-berth arina, an outdoor theatre, boutiques and varius restaurants will be included in the complex. eritage, creativity, youth and industrial vitality

ill be its main themes.

Progress of Ontario Place is ahead of schede. Two of the islands, totalling 23 acres, were ell under construction at year end. A 1,500ot breakwater was created on the outer arm the west island by sinking three retired lake eighters. This seawall will serve to protect e marina and inner bays when the complex completed.

The central feature of the entire complex. e pavilion comprises the five large "pods" amatically suspended on tubular columns nich rise 105 feet above Lake Ontario. Each d has three levels at heights of 35, 45 and feet respectively. The top decks will overlook e city, the waterfront and the lake, offering ceptional vantage points for dining and ewing.

Cinesphere, the dome-shaped cinema at Onrio Place, has been designed for film projecin on any part of the ceiling and walls. It will capable of screening some of the most chnically advanced films in the world, and If be able to handle further techniques as they e developed. Cinesphere will be open through-

t the year.

Boutiques, restaurants, snack bars, and other rvices on the islands at Ontario Place will grouped so that large areas will remain as iet parkland. From seats set into the side of assy hills, visitors can watch concerts, plays d other entertainment in the forum. Visitors also be able to take boat rides around the lands and Toronto harbor, or stroll the pleasit walks to lookout points and beaches.

Discotheques will be included on the islands. while one of the pavilion pods will house an elegant cocktail lounge, specialty restaurants. and banquet and meeting facilities open year

The new marina will enable Great Lakes' sailors to tie up their boats for a few days while they visit Ontario Place. Hard by the marina will be a sailor's pub, seafood restaurant, ship's chandler, showers and washer-dryer facilities.

In summer, Ontario Place will be a focus for water sports and outdoor entertainment. The exhibit pavilions will be open daily from May to

September.

Meanwhile, Ontario Pavilion at Expo 70 in Osaka, Japan — the division's other major project - was completed ahead of schedule in the fall of 1969. It also serves as a window on Ontario for the millions of visitors to Expo 70, which runs from March 15 to September 15,

Pavilions from Ontario, Quebec, British Columbia, plus the national entry, give Canada the largest participation of any one country at Expo 70. Ontario's \$2,600,000 pavilion affords an excellent opportunity to make the province better known to the Japanese. Most Japanese, according to a survey, know little about Ontario, except that it contains Niagara Falls.

The pavilion includes a multi-image slide presentation showing the great physical industrial and ethnic variety of Ontario. The images are projected on a 100-foot long screen and programed by a sophisticated mechanism which will be an exhibit in itself. A new multiimage film by Christopher Chapman will focus on the people of Ontario and their activities.

Chapman's earlier film produced for Expo 67 - the Academy Award-winning A Place To Stand - has now been seen by audiences exceeding 100,000,000 in all parts of the world.

In 1969, three new short films were produced by Special Projects Division - They Came to Build, concerning Ontario's new citizens from all parts of the world; 71/2 Million Economists, which takes a look at the Ontario economy; and Ontario Place, a documentary about the new complex. Work began on three additional films on Northwestern Ontario, the far north, and Eastern Ontario during the year.

ONTARIO, a new 160-page color publication for distribution at Expo 70, was completed during the year. Containing articles and stories by well-known Ontario writers, it was published in Japanese, English, French and German. Over 125,000 copies were mailed to business and government leaders in the U.S. and Europe, and it is on sale at book stores in the province.

Films

A Place to Stand

Ontario's Oscar-winning Expo 67 film captures the province and its people with spectacular use of multi-image photography. Color, 18 minutes. Available in 70, 35 and 16 mm, versions. They Came to Build

Blends folk music and dances with beautiful landscapes to show how people from different lands contribute their culture and heritage to build Ontario. Color, 17 minutes, 35 and 16 mm. 71/2 Million Economists

This film shows how Ontarians work to build a strong economy. Color, 18 minutes, 35 and 16 mm.

Contact:

Film Section Special Projects and Planning Division Department of Trade and Development 950 Yonge Street Toronto 5 Ontario, Canada Phone 365-6201



Onlario Pavilion at Expo 70.

Ontario Styles at EXPO 70

Ontario style at Expo 70 will be displayed by the bright young look of the uniforms worn by the 14 hostesses and 13 hosts at the Ontario Pavilion

Chosen for their personality, maturity, and ability in languages, the hosts and hostesses and 16 Ontario Provincial Police constables posted to the pavilion underwent an intensive lapanese language course from September to December 1969. The course was designed to prepare them to meet Japanese visitors and understand the country and its customs. Much of the vital function of projecting Ontario's mage and message through direct contact will be performed by the pavilion's staff.

The staff will answer visitors' questions about he pavilion and the province, act as pavilion juides, handle emergencies, and generally perform liaison between the pavilion and Expopers. These duties demand, if not a facility in apanese, at least a sound basic knowledge of t—which means more than being able to lirect visitors to the washrooms with a winning

In all, there were 2,300 applicants from young eople of university level for the host-hostess ostings.

Hostesses at the pavilion will wear an Intario-designed chrysanthemum yellow dress immed with white at the neck, hem and leeves. The high placed belt has a gold clasp teorporating the Ontario Pavilion symbol, a ew variation on the official provincial trillium. Because of the wide range in Japan's weather onditions there are two versions of the uniprom. In the damp, cool, early spring the hostses will wear a wool dress with short sleeves. Or outdoors, they will add cape, vinyl boots

nd a wide-brimmed hat, all in white. For extremely hot and humid summer months, et dress will be sleeveless and in a washable opical weight. Clear plastic capes and umellas will protect them against the frequent in showers in Osaka. Shoes and handbag will

white with gold accents.

The hosts will wear an up-to-date Ontario arsion of the traditional blazer and slacks. The gold buttoned blazer and the vest are in chocolate brown tone. The slacks are stone age. Persimmon colored shirts, brown ties high brown slip-on shoes complete the look.



100 years of Representation in Britain



One hundred years ago, Ontario sent its firs official representative to Britain. His assignment: Find us strong, skilled people to hel make our province grow.

Since then, the province's population ha grown from 1,500,000 to 7,500,000—represening more than one-third of all Canadians. An Ontario produces more than half Canada manufactured goods.

These achievements were focused upon i 1969 during celebrations at Ontario House London, marking the centennial of Ontari representation in Britain.

Queen Elizabeth II, who unveiled a commemorative plaque of Ontario marble, recalle the changes on both sides of the Atlantic sinc 1869, and spoke of the widened scope of the work undertaken by Ontario House.

"This includes not only assistance to em grants, but the maintenance and reinforcemer of the many commercial, social and culture ties which exist between my peoples in Ontari and Britain," she said. "This work is of tru value and gains in importance every year."

The Queen was presented a bouquet of rose flown from Ontario the previous night, and gold brooch in the form of a trillium, the province's floral emblem. To further commemoral the occasion, 100 maple trees donated by the province were planted in Richmond Park.





Eedee-

Handmaiden of Style and Design in Ontario

"The Eedee Awards have created a climate in Ontario to where the fashion designer can exist as an individual, a personality. Although there is still a long way to go, designers now receive more recognition and are considered vital contributors to the industry."

- Marni Grobba, Toronto Telegram

"The most effective way that the Ontario designers have achieved degrees of good design, with low cost is in the field of "knock-down" furniture. The term is a bit confusing, because the pieces look and feel solid enough. But they are based on the use of simple elements that can be easily taken apart and reassembled." — Michael White, Montreal Star

It all started in 1964 as an idea to boost exports of Ontario-manufactured apparel. Today, the department-sponsored Eedee (for excellence of design) awards program not only encourages better design techniques for fashions and furniture, but is proving its worth in increasing sales.

Sixty-nine companies entered 229 creations in the 1969 fashion competition. Ten awards were presented to designers, one to a student designer, and a grand Eedee to the creation judged best of show.

The Ontario Home Furniture Design Awards competition attracted 323 entries from 103 manufacturers working with 101 Canadian designers.

Winners in both the fashion and furniture contests are selected on the basis of originality, craftsmanship, consumer appeal, and production potential.

With the department sponsoring visits by buyers and importers from all over the world, special showings of Eedee furniture and fashion winners are an important medium to promote Ontario products.









The house that plastics built





Plastics is literally a household word in Canada, and Ontario's plastics industry built a house to prove it.

The three-bedroom structure — featured attraction at the 1969 Plastics Show of Canada in Toronto — was built, finished and furnished almost entirely with stylish, durable, plastics materials.

Sponsored by the Department of Trade and Development in co-operation with the Society of the Plastics Industry of Canada, the house enabled more than 95 participating companies to show the extent that Ontario's secondary plastics-manufacturing industry has penetrated the interior design, furnishings, and construction markets with its products and technology. The companies donated all building materials, components and furnishings.

While not the world's first plastic house, it was the first built with the stipulation that all components, materials and furnishings used must be in commercial production. Much of the lechnology responsible for the plastics house was developed in Ontario, while some components were made in the province through licensing arrangements between Ontario manulacturers and companies in other countries. The few non-synthetics used in the house were mostly in conjunction with plastics or facings.

Easy maintenance is perhaps the most apbealing aspect of a plastics house. The house tever needs painting inside or out, cleaning is much simplified, cupboards are easily wiped down, and the irradiated wood-plastic flooring heeds no waxing.

While no accurate price tag can be placed in the plastics house, which was not fully engineered for drainage, heating, water and ther services, and did not include a basement, nanufacturers believe the cost would unsubtedly be lower than for an ordinary frame, rick or stucco house. Most of the plastics souse can be fabricated and built to size in a actory — thereby reducing construction time. The properties of the two reinforced plastic bathrooms, or instance, was pre-wired and pre-plumbed the factory.

The plastics house project brought together everal facets of the department's trade and evelopment programs. Marketing Services and 1e Technology Section were primarily responible for the project, while Information Services andled publicity and promotion.

The house emphasized the capabilities of

Ontario designers in all aspects. It stressed good industrial design, while much of the furniture and furnishings used were winners or entries in the department-sponsored Eedee design promotion program.

And Ontario's trade offices in other countries

helped organize a group of 20 buyers and manufacturers flown to Toronto from the United States, Britain, Belgium, France, Holland and Bermuda to see the house.

During the four-day show, held in October, 25,000 visitors inspected the plastics house.



Selective Immigration Services

Filling Ontario's special skill need



New immigration display, designed by Information Services.

Although immigration to Ontario from other countries was down 11 per cent in 1969 compared to the previous year, Ontario employers made greater use of the department's Selective immigration Service to recruit skilled or qualified personnel. And they spent more money in advertising for these new employees.

Ontario gained 86,538 immigrants during the year — again approximately half the total immigrants to Canada. The national total also

declined 11 per cent from 1968.

Immigrants from Italy decreased by more han half, while totals from Switzerland, France and Britain were down 45 per cent, 40 per cent and 15 per cent respectively. However, immigration increased from the West Indies (70 per cent), India (45 per cent) and the United States (15 per cent).

Employment pre-arranged for immigrants hrough the Selective Immigration Service ofice in London totalled 1,217, while the Glasgow office handled 440, and Toronto 175. The total of 1,832 job offers represented a 12 per cent

ncrease over 1968's total of 1,641.

In all, 661 Ontario employers recruited directy overseas or made job offers on the basis of
pplications referred to them by the immigraton service, compared to 435 in 1968. Overseas
tersonnel advertising placed by the service for
ontario employers totalled \$116,031, compared
o \$69,693 in 1968. Counselling activities inreased proportionately in all three offices.

New patterns in skilled personnel needs merged toward the end of 1969. There was increased interest in overseas recruiting from dustry, while the steady demand by hospitals or registered nurses in recent years dropped ractically to zero. The need for therapists and ther para-medical personnel, however, con-

nues.

Recruiting school teachers has also been a rime activity of the immigration service since be Second World War, but more and more

pe Second World War, but more and more bocally trained teachers are now becoming vailable. Most Ontario school boards are ensavoring to obtain teachers within the province efore considering overseas recruiting. But ndoubtedly the competition for specialist vachers and department heads in mathematics and science will continue.

At the request of the federal Department of anpower and Immigration, the immigration rice arranged a two-day seminar in Toronto



Women and the economy



Conferences organized by the Women's Advisory Committee aim at furthering understanding of the economy and creating an awareness of women's responsibilities as consumers. They also enable a three-way exchange of informacion among consumers, manufacturers and

government.

Conferences held in Toronto, Hamilton, Niagara Falls, Sudbury, Sarnia, Simcoe and Trenton in 1969 were attended by a total of 4,000 delegates. In a new innovation at the provincial conference at Toronto in April, Onario Premier John Robarts with four cabinet ministers and other representatives of the departments of Health, Labor, Financial and Compercial Affairs, Education, and Trade and Development, took part in a panel discussion and answered questions put by many of the 400 women who attended.

At all conferences during the year, authoritative speakers on finances and law, consumer problems, and economics addressed the women and discussed their questions. Emphasis is blaced during discussions on the availability of Danadian products and the advantages of buying them, the influence of women in improving Panadian design and product standards and he promotion of Canadian fashion and styles. All these factors, it is pointed out, help create he 100,000 new jobs needed each year in the province, encourage manufacturers to improve heir goods and services and enhance Ontaro's living standards.

The importance of the clothing industry is iso emphasized through manufacturers' fashon shows at the conferences. As a large ortion of the consumer dollar is spent on clothing, the shows help to point up the advances in anadian styles, and the fact that they vie with sose created in other parts of the world.

In addition to the main conferences, members f the Women's Advisory Committee representing the 10 development regions of the province reactive in their own areas, speaking to omen's groups on the programs of the comfittee, and informing the public generally. In III, 30,000 women have attended the 60 conferences conducted by the Women's Advisory committee in the past decade.



information services



Visiting European financial writers are briefed in the boardroom of Toronto Stock Exchange during tour under the auspices of Information Services.

Associated with all activities of the department, Information Services publicizes the services of all branches to the business and industrial communities and the general public. The branch also serves the Ontario Development Corporation, the Ontario Economic Council and Sheridan Park Corporation; and handles requests for information about the province from across Canada and many parts of the world.

Canada and many parts of the world.

Working through Ontario's overseas trade offices and Canadian trade representatives, the branch arranged details for press, radio and television coverage of Ontario trade missions in 1969. The branch also publicized Ontario

trade exhibits in other countries, and Ontario Unlimited promotions in the United States.

On behalf of the Prime Minister's office, In formation Services handled press, radio and television arrangements for the Province's cele brations at Morrisburg to mark the 10th anniversary of the opening of the expanded St Lawrence Seaway. Information Services also handled publicity and presentation arrangements for the release of the Ontario Economic Atlas, a project sponsored by the Departmen of Treasury and Economics.

Films produced in 1969 included a 20 minute documentary, Going For You, which



outlines the services and activities of the department. The highly successful movie, Ontario Today, was updated during the year.

Six television news clips, including the coverage of the seaway celebrations and presentation of the plans for Ontario Place in Toronto, were produced in 1969. A total of 33 publications were produced or revised.

Visiting business and financial editors from France, the United States, Britain, Germany and Belgium were assisted in planning itineraries, and accompanied to industries by staff members.

Publications

Ontario Trade and Industry Services

Programs and activities of the Trade and Industry Division which serve businessmen and municipalities.

Plant Location

Personalized services to assist new industry with plant location and feasibility studies.

Licensing Arrangements

Methods by which Ontario firms can enter into production arrangements or joint ventures with foreign companies.

Our Man from Ontario

How the businessman can take part in the Ontario government's sales opportunity mission program to increase exports.

Ontario Industrial Review

Annual report of the Ontario Department of Trade and Development.

Exporter's Guide

Export Services for the Ontario manufacturer.

Municipal Industrial Development Guide
Industrial promotion at the community level.

Marketing Programs

Export services for the Ontario manufacturer. Statistics for Profit

Statistics on Canadian imports from the U.S. and U.K., Canadian export opportunities, and fabrication gaps in Canadian industry.

Directory of Products for Export

Listing of Ontario products for export and the companies that manufacture them.

Ontario Exports by Commodities and

Ontario Exports by Countries

Statistical summaries of Ontario's export achievements in these publications point to new marketing opportunities.

Ontario Engineering Services Abroad

Ontario government assistance to firms taking part in overseas engineering projects.

Hotels for Export

The department's services to encourage Ontario companies to build hotels in other countries and supply specialized equipment and services.

Women and the Economy

This Women's Advisory Committee pamphlet outlines how Ontario women can strengthen the economy.

Sheridan Park Research Community

The operation, function and organization of Ontario's new research community.

The People Hunters

How Ontario companies and agencies, unable to find sufficient skilled or professional personnel locally, can recruit overseas through the department's Immigration Branch.

Ontario-Workshop of Canada

The province's economy, business and investment opportunities, its history, culture, and people.

Ontario Information

A pamphlet introducing the province to prospective immigrants and others. Published in German, Greek, Portuguese, Dutch, Spanish, Hungarian, and French.

Ontario Reading Guide

A listing of books and publications concerning the province's history, geography, natural resources, industries, and economy.

Films

(all color, 16mm.)

Going for You

Services to businessmen of the Department of Trade and Development. 20 minutes,

Ontario Today

Industry, recreation and the people of Ontario are featured in this extensive tour of the province. 28 minutes.

Design for Tomorrow

How the Ontario government assists the fashion and furniture industries to improve designs. 13 minutes.

Big Deal

Animation and live action provide an entertaining analysis of the Ontario economy, emphasizing the importance of expanding both domestic and export markets. 8½ minutes.

The Scientific Century
Research and its importance to man's wellbeing, portrayed during a visit to Sheridan
Park Research Community, Ontario's "science

city." 20 minutes.

Our Man from Ontario
How Ontario businessmen are increasing export sales by taking part in government-organized sales missions to many parts of the world. 13 minutes.

Publications are distributed free to businessmen and other interested groups or individuals. Films are loaned for the cost of return postage or express charges.

Contact:

Information Services
Department of Trade and Development
950 Yonge Street
Toronto 5
Ontario, Canada
Phone 365-5466

Sheridan Park Research Community Wins International Acclaim

Sheridan Park Research Community, Mississauga, was acclaimed for its concept at a world convention of the Organization for Economic Co-operation and Development held in Paris in 1969.

In a report on Canada, OECD paid tribute to "the originality of the Sheridan Park Research Community which is due not only to the way in which the Ontario Research Foundation is organized, but to the general spirit which actuates the different Research centres." Canadians have every reason to point with pride to the research group which has been established there, the report said.

Sheridan Park, 17 miles west of Toronto, comprises 350 acres of planned campus-like parkland. It represents more than \$36,000,000 investment in modern research laboratories and facilities. Some 1,600 scientists, engineers and supporting personnel are employed by the nine resident companies and corporations at the community.

Distinguished visitors to Sheridan Park in 1969 included His Royal Highness Prince Phillip. In a brief address to the scientists after inspecting facilities he reminded them of their obligations to human values and human existence.

Modern research buildings at Sheridan Park are set amidst lawns, flower beds, trees and shrubs. Specially designed street lighting and illuminated pools and fountains lend another mood after dark.

All research at Sheridan Park has one basic objective: to keep participating companies competitive in world markets. This includes developing new or improved products or cost saving processes, increasing production, and greater utilization of Canada's natural resources.



Cross fertilization of non-proprietry knowledge and resources between the various research centres is a basic tenet in the concept and planning of Sheridan Park. The exchange of ideas and the use of certain facilities is arranged on a formal and informal basis.

Sheridan Park's strategic location also enables easy access by staff to the specialized knowledge available at other laboratories, institutes or universities in the area. Seven universities, for instance, are within a two-hour drive

Development of Sheridan Park Research Community began in 1963. Sheridan Park Corporation, a provincial Crown agency, sells the fully serviced land on a non-profit basis. Available sites are a minimum of three acres. In all, about 70 per cent of the park was developed at the end of 1969.

The Sheridan Park Association, comprising the companies established in the community, is responsible for maintaining standards of physical development of the community and facilitating scientific, technical and administrative liaison among members. The association administers Sheridan Park Square, a new \$500,000 conference-commercial complex.

The complex offers retail, banking, restaurant, computer and medical services. Plans call for the addition of office facilities at the site. Courses are conducted at the centre for employees of companies at Sheridan Park, and a film festival featuring the world's top science films was continued.

Extending the community's industrial, scientific and educational contacts, Sheridan Park Association is in liaison with 100 industrial firms, universities and educational institutions who have asked to be advised of events in the park.

Nucleus of the community is the Ontario R search Foundation, the largest independer non-profit research organization of its type Canada. It assists large and small industrit and government agencies by applying scie tific know-how to solving technical problems of a contract basis. ORF maintains a wide varie of sophisticated scientific and testing equi ment for undertaking research contracts, ar provides a technical information service of behalf of the National Research Council.

Under the sponsorship of the Ontario Depai ment of Trade and Development, the foundation provides in-plant field engineering services. Ontario companies. It also provides technicadvice and evaluations of ideas for the Ontar Development Corporation.

The 1969 contract from the Ontario government for these purposes was \$225,000. Under the contract, projects ranging from materic selection and product design to plant layou and manufacturing engineering were carried out by ORF representatives on 1,084 visits to Ontario plants during the year. A total of 4,42 detailed requests for information by companie were answered, and 98 studies were made for the Ontario Development Corporation into neuroducts and manufacturing processes.



ominco Ltd.

cominco's Product Research Centre is the larest facility of its kind exclusively devoted to search on end uses for lead and zinc, the ompany's chief metal products. As well as ludying their properties, a research program evelops ways of using lead and zinc more fficiently and extending their use in new roducts.

The centre's facilities include corrosion and hemical analysis labs, metallographic facilies, design offices, mechanical testing equipment, a sound test chamber, an x-ray defraction hit, a creep station room, a metal finishing aboratory and a technical library. The laboraty's computer centre is programed to assist variety of research projects and maintains flicient project records.

A 6,000 square foot metal workshop for pilot ant research and fabrication is connected to emain two-story building. Facilities include trusion presses, a die casting machine, a alvanizing line, metal melting and alloying puipment, a semi-continuous zinc billet caster, ellet cropping and cutting equipment and a achine shop.

Significant new products and applications are been developed at Cominco's Product esearch Centre since its inception in 1964. any have been carried to the pilot plant ages. New alloys for extruding zinc have been enfected, and a press produces zinc extrusions a semi-commercial basis. A series of special no forging alloys has been developed and oduced for test marketing in the forging dustry.

The centre developed Sheald continuous ast thin lead sheet, now in commercial prolotion. The new decorative metal product,
scraloy, also researched and perfected at the
entre, is a textured metal coating on steel deloped specially for use in interior design.

Atomic Energy of Canada Ltd.

AECL's Power Projects is responsible for the design, development and management of nuclear power stations. The \$6,000,000 establishment at Sheridan Park comprises a three-story design and administration building of some 11,000 square-feet, and a 75,000 square-foot development laboratory.

Power Projects is responsible for the engineering design of nuclear power systems, for managing the construction of AECL-owned nuclear power station projects and for the development and testing of nuclear power station components. AECL is also the agent of the federal government charged with the responsibility for the construction of the Nelson River transmission facilities in Manitoba.

Projects under way are the design of the nuclear portions of India's 400,000-kilowatt Rajasthan Atomic Power Project, a near duplicate of Douglas Point nuclear power station, near Kincardine, Ont., Canada's first full-scale nuclear power station, designed and built by AECL for Ontario Hydro. Other current projects include the design of the nuclear portions of the 2,000,000-kilowatt Pickering generating station, east of Toronto; the design and management of the 250,000-kilowatt Gentilly nuclear power station near Bécancour, Que.; the design of the nuclear portions of the 3,000,000-kilowatt Bruce generating station and the building of an 800ton a year heavy water plant, both of which are adjacent to the Douglas Point station.

Value of Power Projects programs under way is approximately \$2,000,000,000. Support for all design work at Sheridan Park is provided by an adjacent development laboratory.



Abitibi Paper Company Ltd.

Paper and wood product research programs at the Abitibi Research Centre serve the company's operations in Canada and the United States. Embossed panelboards, exterior house siding and new grades of paper are among products developed.

Abitibi's research centre at Sheridan Park totals 60,000 square feet and employs about 90 persons — two-thirds of them in the scientific or technical fields.

About half of Abitibi's research aims at developing new products or processes. The remainder is devoted to further improving current processes and products. There are five major divisions of work—building products research, paper research, process research, mechanical research and pioneering research.

Current projects include considerable work in the areas of water and air pollution, the use of more intractable wood species such as jack pine, the development of exterior siding and development of new fine papers.



Dunlop Research Centre

Twelve fully equipped laboratories comprise Dunlop's Research Centre, which keeps the company abreast of new developments in science and technology in relation to its various fields of manufacture. It is the company's only research establishment in North America.

With a staff of 40, the centre concentrates on the preparation and properties of new rubber, plastics and related products. It carries out original research chosen because of the availability of special materials or skills, or by proximity to sources of new techniques.

About \$250,000 worth of equipment at the centre includes rubber processing, plastic injection moulding, and complete physical evaluation test equipment to determine the best uses for different types of rubber and plastics. Eight of the Dunlop laboratories are devoted to a continuing program of chemical research seeking to improve the qualities of existing polymers and develop completely new ones.

Appropriately, the Dunlop researchers work under a roof made from one of their own major discoveries — EPDM, a new man-made rubber, notable for its resistance to weather. A layer of EPDM is secured by a Dunlop adhesive to the insulated steel roof deck.

Since its discovery by a Toronto-based Dunlop research team, EPDM has been placed in commercial production for conveyor belts, garden hose, steam hose, and other applications.

Ontario Research Foundation

The Ontario Research Foundation conducts research and development for industry and government on a contract basis. Projects are handled on request. The foundation also brings research opportunities with promising economic or social benefits to the attention of industry and government agencies.

With a staff of 250 — of which about 80 per cent are scientists, engineers or technicians — ORF's annual budget exceeds \$3,500,000.

Projects undertaken at Sheridan Park range from short-term investigations and feasibility studies, through product and process development, to long-range fundamental scientific investigations. Research covers such broad areas as engineering and metallurgy, chemistry, fundamental and applied physics, textile science, applied microbiology and physiography.

In the past decade, over 3,000 firms have commissioned projects at the foundation. All work for a client is conducted confidentially.

ORF's main facility at Sheridan Park comprises a 180,000 square-foot building which cost about \$6,500,000 exclusive of land, equipment, or furnishings. An additional \$600,000 building to house pilot plant facilities was completed in 1969.

A wide range of scientific instruments is available at ORF for undertaking studies on behalf of clients.



Gulf Oil Canada Ltd.

Gulf's Sheridan Park laboratory conducts of company's research and development programs in the fields of new petroleum, petrohemical and specialty products, as well additional end uses of existing products and development and improvement of processes

All Gulf departments, including refining, m keting, petrochemical and crude and prod supply, utilize the scientific and technical cal bilities of the Sheridan Park laboratory in proving productivity through process optimition and cost reduction programs.

Facilities comprise laboratories devoted analytical and chemical research, and pet leum and specialty product development, engine fuel and lubricants research laborate and a pilot plant building.

Gulf Canada was the first to establish Sheridan Park and each year has added p sonnel and equipment to ensure that the copany's products meet the requirement of Canadian market.



ternational Nickel Co. Canada Ltd.

CO's J. Roy Gordon Research Laboratory, med after a distinguished Canadian scientist of former president of the company, is deted to seeking better and more efficient prosses for extracting nickel and other metals more. It also has facilities for mineralogical learch.

n the area of extractive metallurgy, modern ipment is provided for ore beneficiation, cetrochemical, pyrometallurgical, hydrotallurgical, and vapo-metallurgical studies. e necessary analytical services are provided modern chemical, x-ray and emission specgraphy techniques.

rocess research and innovation are extend-Canada's natural resources by enabling the mpany to recover nickel and 14 other elents from low-grade ores which were conered rock only a few years ago.



Warner-Lambert Research Institute of Canada Ltd.

Safety testing of new drugs, including studies to ensure that their benefits are not offset by harmful side effects, are the mainstay at the Warner-Lambert Institute. Part of the world-wide research activities of the company, work at Sheridan Park includes clinical studies on humans in co-operation with Canadian universities and hospital research teams, and prolonged observation studies on animals under strictly controlled conditions.

Medical laboratories at the institute are equipped with the latest in modern electronic recording devices and microscopic and photographic equipment. A complete wing is devoted to the controlled raising and maintenance of various species of small animals normally kept by medical research scientists.

A seven-year contraception study and a fiveyear research program in conjuction with the National Research Council into the effects of various drugs on the liver are among projects under way. The institute is also concerned with improving techniques for testing procedures.

Mallory Battery Co. of Canada Ltd.

The Mallory Research Laboratory, the smallest in Sheridan Park Community, has been working for the past few years on improving cells to enable batteries to operate at low temperatures, and to operate with high rates. Both these characteristics are most important to commercial and military applications in Canada.

The company has broadened the base of its operation in the research and development laboratory with the addition of a substantial development group. This new group of development scientists, technicians and engineers will enable the company to process new inventions through to pilot plant production. The new unit will prepare complete specifications for the new product.

Mallory's research and development laboratory has made significant contributions to the power source field since it came into being six years ago. The researchers have been awarded many patents, and have some 17 more awaiting issue. Significantly, many of their inventions have resulted in production and sales that have enhanced the economy of the country.

ontario economic council

Thirteen major research and study projects, ranging from resource development to immigration, were underway in the Ontario Economic Council in 1969. Responsibilities of the 20-member, socio-economic advisory group include advising and recommending to Cabinet methods to

- Encourage the maximum development of the human and material resources of Ontario
- Support the advancement of all sectors of Ontario
- · Foster conditions for the realization of higher standards of living for the people of Ontario. Members of the council are private citizens who give their time and knowledge without pay. Much of the work of the council is undertaken by ad hoc committees which report to a co-ordinating committee. These include:

The Human Resource Development Committee, which seeks solutions to problems which appear to restrain the economic and social development of Ontario, and recommends the most effective methods of promoting the integration process for immigrants and migrants.

The Urban Affairs Committee, which includes six experts drawn from university, business and government, and is concerned with identifying problems and planning goals.

The Taxation Committee, which reviews implications of tax structure changes on economic growth and employment opportunities

The council staff consists of 10 persons including research consultants. From time to time specialized personnel are engaged under contract to undertake specific studies in areas where they have expertise.

In addition to regular monthly meetings, the council generally holds an annual joint meeting with the Economic Council of Canada. Representatives of government departments and agencies are invited to attend and participate in the general discussions.

Among recently published reports of the Ontario Economic Council are the following:

Government Reform in Ontario, a publication in which possible revisions in the structure of government are discussed.

Poverty and Institutional Reform, issued in December, 1969.

Forest Policy, a report outlining past and present forest policies in Ontario, published in February, 1970.

Research Index in the Physical Sciences, the fifth annual edition of an index of pure sciences research being undertaken by provincial government departments and agencies and private companies in Ontario. The 1969 edition was issued early in January, 1970. Future editions will be published biennially commencing in

Projects and People, an inventory of research relating to Ontario Indians. This report was published in October 1969, and distributed to all persons engaged in Indian research, and to government departments and agencies at both the provincial and federal levels.

Other projects by the Ontario Economic

Council include:

Indian Housing Project, sponsored by the council as a direct result of its visit to Moosonee in September 1968. Close to \$100,000 in building materials has been gathered by private subscription, to assist in the construction of 10 dwelling units by off-reserve Indian workers.

Great Lakes Users Conference, co-sponsored in conjunction with the Ontario Water Resources Commission and the Great Lakes Institute of the University of Toronto, at which Great Lakes "users" examined the relevancy of on-going research. Some 150 persons attended the sessions held in November 1969. Inventory of Services, available to individuals, groups, companies and municipalities from the government of Ontario was undertaken during the year. On publication early in 1970, it will be given broad distribution throughout the province.

Rideau-Trent-Severn Study. Long term o mization of recreation potentials on the wat way has been the subject of a continu study with the chairman of the OEC acting co-chairman of a Canada-Ontario task force Onakawana Lignite Development. Since 19 when the council co-ordinated a feasibi study for the construction of a heavy wa plant using Onakawana lignite, the OEC I had a continuing interest in the developm of this deposit.

Pilot Study on Land Use Planning. The cour has provided financial support to the University of Toronto School of Forestry to undertake pilot study on land-use planning from ecological as well as economic point of vir A report of this study will be available in 19

Members of the **Ontario Economic Council**

William H. Cranston, chairman, David B. Archer, president, Ontario Federati

Stuart W. Clarkson, deputy minister, Onta Department of Trade and Development. J. Douglas Gibson, chairman, Canadian Re

surance Co., financial and economic co sultant.

Rowland G. Hill, regional director, Internation Union of Operating Engineers.

Oakah L. Jones, chairman of the board a president, the Consumers' Gas Co.

Stewart H. Lane, professor, department agricultural economics, University of Guelph. Purvis Littlejohn, past vice-president, Onta Federation of Agriculture.

lan F. McRae, commissioner, Hydro Elect Power Commission of Ontario: past chairm of the board, Canadian General Electric (Ltd.

R. Reed Menzies, past president Onta Regional Development Council; director a secretary treasurer, Four Counties Insuran Agencies Ltd.

J. H. Moore, president and chief executive officer. Brascan Ltd.

Charles G. Munro, president, Canadian Fe eration of Agriculture; past president, Onta Federation of Agriculture.

Mrs. A. F. W. Plumptre, president, Vanier stitute of the Family; past president, Consu ers' Association of Canada.

Larry Sefton, director, District 6, United Ste workers of America.

G. H. Sheppard, chief commissioner, Liq-Control Board of Ontario; past president, ternational Business Machines Co. Ltd.

William H. Spicer, president and general ma ager, Spicer's Tire Service Ltd.; vice-chairm board of governors, Confederation College. William R. Stadelman, president, Ontario search Foundation.

Robert B. Taylor, vice-president and treasur

the Steel Company of Canada.

W. Roy Thompson, industrial commission Ontario Northland Transportation Commission W. Donald Wood, director, industrial relation centre, Queen's University, Kingston, Ontar

Intario Economic Council **Publications**

lovernment Reform in Ontario, (\$2) concept for government in Ontario, resulting om an OEC study.

overty and Institutional Reform. (\$2)

he second in a series dealing with economic, ocial, and political issues related to the cenal problem of governmental reform.

Forest Policy for Ontario. (\$2)

review of past and present forest policies Ontario.

he Structure of our Tax System, (No charge) s effects on economic growth and on employent opportunities in Canada.

rojects and People, (No charge)

ntario Indian research and related projects. atalogue of Ontario Government Services -370. (\$5)

n index of programs available for the people Ontario to help them attain their social and conomic goals.

ransfer Taxes: their Effect on Productivity

nd Control of our Economy. (\$3)

ntario Research Index - 1969. (No charge) esearch projects within government departents, agencies and commissions in agriculre, chemistry, the earth sciences, engineerg, forestry, the life sciences, and physics, as ell as the activities of Ontario private inistries.

(ill Acceleration, (50¢)

a examination of how 17 growth companies ped with the problem of raising employee Expanding Employability in Ontario. (\$2) An assessment of the tederal provincial program for training and raising the skills of the

unemployed, and its implications for government, business and labor.

The Impact of Layoff and Recall at Ford-Windsor. (\$2)

An examination of the effect on employees of the Ford foundry and engine plants with the reorganization of production facilities arising from the Canada-United States automotive trade agreement.

Assessing Educational Requirements for Skillpower, (\$2)

A study to determine how five representative manufacturers and three service businesses in Ontario viewed the forward educational requirements of their employees between 1965 and 1970.

People and Land in Transition. (\$1)

A study of opportunities for resource development on rural Ontario's marginal and abandoned acres.

Ontario's Tourist Industry - Its Potentials and Its Problems. (\$2)

An evaluation by OEC's industry committee. Why Where How --- and Would They do it

Again? (\$1) A review of the site selection process and

subsequent experience of 42 industries locating in Ontario's smaller centres. Available from:

Queen's Printer and Publisher, Ontario Government Bookstore, 880 Bay Street.

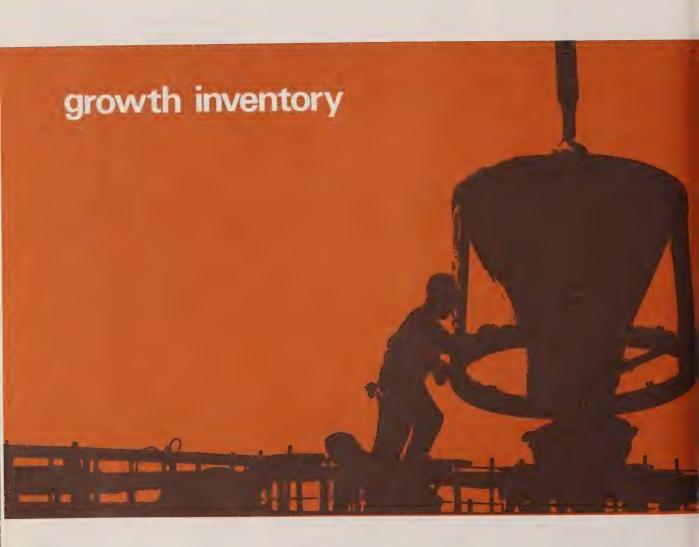
Toronto, Ontario.







Itian housing project at Moosonee, sponsored by the Ontario Economic Council.



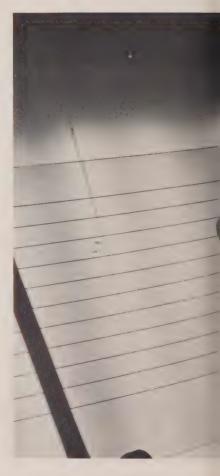


Ontario Companies Around the World

Branch plants

Thirty-seven Ontario companies extended their manufacturing know-how and services to 13 countries in 1969, opening branch plants in the United States, Europe and the Caribbean, or authorizing companies in these areas to manufacture their products under licensing arrangements. Products ranged from electronic equipment and foodstuffs, to aircraft and barbeques.

ONTARIO COMPANY	NEW COMPANY	PRODUCT
ONTANIO COMPANT	NEW COMPANY	THODOOT
D. A. Stuart Oil Co. Toronto	Bryce Chemical SPA Milan, Italy	Oil refining
Nicholson Building Components Ltd. Burlington	Sligo, Italy	Window systems
Versafoods Services Ltd. Toronto	Apetito-Fertigmenu Karl Dusterberg K.G. Rheine, Germany	Food
Brazilian Light & Power Co. Ltd. Toronto	Brascan International Finance Corp. S.A. Luxembourg	Finance
Canada Packers Ltd. Toronto	Waltner KG Cologne, Germany	Food
Dominion Fence & Wire Products Bramalea	Dominion Fence & Wire Products Plainfield, III.	Wire products
F. H. Deacon & Co. Ltd. Toronto	Anlage-Beratung GmbH Mannheim, Germany	Finance
W. H. Olsen Manufacturing Co. Ltd. Tilbury	Olsen International Assen, Netherlands	Heating equipment
Campeau Corp. Ltd. Ottawa	Dumey-Campeau S.A. Igny, France	Housing
Anthes Imperial Ltd. Toronto	Molanth Holding Mij N.V. Amsterdam, Netherlands	Mechanical apparatus
Canron Ltd. Toronto	Kalamazoo Mfg. Co. Kalamazoo, Mich.	Railway products
Comtech Co. Ltd. Richmond Hill	Comtec Inc. Atlanta, Ga.	Computer billing
Facelle Co. Ltd. Toronto	Facelle Co. Inc. Oxnard, Calif.	Paper handkerchiefs
Northgate Exploration Toronto	Irish Base Metals Ltd. Ireland	Ore smelter
Cooper-Weeks Ltd. Toronto	Cooper Sporting Goods Barbados	Sports equipment
Blue Giant Equipment of Can. Ltd. Brampton	Blue Giant Equipment Inc. Buffalo	National handling equip't
Selkirk Metalbestos Mfg. Co. Ltd. Brockville	Selkirk Metalbestos Mfg. Co. Ltd. Barnstable, England	Chimneys and gas vents
Guildline Instruments Ltd. Smith's Falls	Guildline Instruments Inc. Westchester, N.Y.	Instruments
Massey-Ferguson Ltd. Toronto	Rheinstal-Hanomag Germany	H.D. Trucks



Licenses Abroad



LICENSOR	LICENSEE	PRODUCT
Diwalt Industries Ltd. Toronto	Landmann GmbH Bremen-Lesum, Germany	Barbecues
L. R. J. Sanders Co. Galt	Carl Kresny-Assoc, Ltd. Cleveland, Ohio	Handling equipment
Canadian Electric Box Co. Scarborough	Zinsco Electric Products Co. Jackson, Miss.	Electric boxes
Leigh Instruments Ltd. Carleton Place	Epsylon Industries Ltd. Feltham, England	Electronic equipment
Gibson Greeting Card Co. Toronto	Cleo Wrap Corp. Memphis, Tenn.	Greeting cards
Lindsay Specialty Products Lindsay	Videoton Vienna, Austria	T.V. antennae
Canadian Seating Co. Ltd. Toronto	Clarin Manufacturing Chicago, III.	Seating
Maple Leaf Milling Co. Ltd.	Haiti Flour Co. Haiti	Flour
de Havilland Co. Ltd. Toronto	North American Rockwell Corp. El Segundo	Aircraft
Wrap-O-Matic Machinery Co. Ltd. Scarborough	Wrap-O-Matic Co. Ltd. Reading, England	Shrink wrappers
Electrocraft of Canada Ltd. Kingston	Cape Engineering Ltd. Works, England	Infant thermal unit
Anthes Imperial Ltd. Toronto	Molanth Holding Mij. N.V. Amsterdam, Netherlands	Pumping measurement device
Amara Company Bexdale	Wean Industries Inc. Warren, Ohio	Machine tool accessory
Tour A Home Ltd. Belmont	Tour A Home Inc. Marianna, Fla.	House trailer
Skyline Hotels Ltd. Toronto	Skyline Jamaica Jamaica	Hotel
Wade International Ltd. Don Mills	Ernest Wagner Reutlingen, Germany	Plumbing and building supplies
Arc Sound Ltd. Toronto	Morgan Records Ltd. London, England	L.P. records
Patio Aluminium Products Ltd. Weston	Braid & Butler Ltd. Essex, England	Sliding doors
C.C.M. Toronto	Patty S.p.A. Frosinone, Italy	Hockey and sports equipment
10101110		

Marketing Abroad

Ranging the world in their quest for new export sales from Hong Kong to Hungary and from Boston to Barcelona, 90 Ontario compatook part in 25 sales missions sponsored by the department in 1969. The missions, and the companies represented:

Los Angeles - January 5

K K Precision Parts Ltd., Downsview Devtek Ltd., Toronto London Winery Ltd., London Canadian Fabricated Products Ltd., Stratford Curvply Wood Products, Orono Greening Industries Ltd., Hamilton Cramco Solder Alloys Ltd., Scarborough Space Circuits Ltd., Waterloo

Blackpool, England - January 29

Burkhardt Jewellers, Toronto Chemelco Corporation Ltd., Downsview DLM Products, Oshawa Linnenbank Leather Goods Ltd., Niagara Falls Lipman Brothers Ltd., Toronto Electric Chain Co. of Canada Ltd., Toronto

Cologne, West Germany - February 17

Jacobs & Thompson Ltd., Weston Star Chrome Mig. Ltd., Toronto Sofia Originals Ltd., Toronto Gunther Mele Ltd., Brantford Roberts-Gordon Appliance Corp. Ltd., Grimsby National Rubber Co. Ltd., Toronto Diwalt Industries Ltd., Toronto Maple Leaf Plastics Ltd., Toronto Canadian General Tower Ltd., Galt

Boston - February 23

Guelph Elastic Hosiery Co. Ltd., Guelph Phoenix Mfg. Co. Ltd., Burlington Brasco Electronics Co. Ltd., Weston Plitan Machines Ltd., Toronto Avionics Ltd., Niagara-on-the-Lake Beach Industries Ltd., Smith's Falls S.G. Smallwood Ltd., Kitchener

Philadelphia - February 23

Warren K. Cook Ltd., Toronto
Office Specialty Ltd., Toronto
Continuous Colour Coat Ltd., Rexdale
Henischel's Furniture Ltd., Waterloo
Canada Casters Ltd., Woodstock
Man-Mark Projects Ltd., Toronto
John Hort Hollywood Handbags Ltd., Toronto
Miss Sun Valley Ltd., Toronto

Italy, Yugoslavia - March 21

Norman Rogul Furs, Toronto J. D. Carrier Shoe Co. Ltd., Toronto Wix Corporation Ltd., Toronto Dominion Magnesium Ltd., Toronto Olsonite Company Ltd., Windsor Shore Holstein Farm Ltd., Glanworth

Los Angeles - April 13

Vicom Ltd.
Havlik Enterprises Ltd., Preston
Fortin-Latchford Ltd., Richmond Hill
Lyn Leather Company Ltd., Toronto
Moyer-Diebel Metalcrafts Ltd., Jordan Station
Precision Engraving Company Ltd., Toronto
Sauna Company of Canada Ltd., Rexdale
Valeriote Electronics (Guelph) Ltd., Guelph

Cleveland - April 21

Westeel-Rosco (Cubic Storage Systems Division), Rexdale Canadian Drawn Works Company Ltd., Hamilton Dreher Die Limited, Waterloo Ratcliffs (Canada) Limited, Richmond Hill United Dairy Producers Co-operative Ltd., Weston Guelph Cabinet Company Ltd., Guelph White Electronic Development Corporation, Mississauga F. Lepper & Son, Ltd., Scarborough

Chicago - May 2

Ceeco Machinery Manufacturing Ltd.,
Downsview
Pneuco Machinery Company, Toronto
The Baldrive Company, Preston
Fluid Power Ltd., Rexdale
Fisher Gauge Works Ltd., Peterborough
Electro Dynamics & Telecom Ltd., Chatham
Brown Bogg's Foundry & Machine Company
Ltd., Hamilton

Hungary, Czechoslovakia - May 12

Omark Industries Ltd., Guelph Burgener Technical Enterprises Ltd., Toronto Vulcan Equipment Company Ltd., Toronto Velcro Industries Ltd., Bramalea McKee Brothers Ltd., Elmira Yoder Equipment Canada Ltd., Georgetown

Hongkong, Thailand, Singapore, Australia — May 23

Macnaughton-Brooks Products Ltd., Weston Berry Hill Ltd., St. Thomas ETF Tools Ltd., St. Catharines Leigh Instruments Ltd., Carleton Place The Timberland Ellicott Ltd., Woodstock Sinclair Radio Laboratories Ltd., Maple Harwood Photomounts Specialties Ltd., Toronto

Barcelona, Spain - May 29

Fine Chemicals Division, Canada Packers Ltd., Toronto
Farm Automatic Feeding Ltd., Gorrie
The Canadian Coleman Company Ltd., Toronto
W. C. Wood Company Ltd., Guelph
McLeod Hybrid Swine, Aurora
Glenafton Farms Ltd., Alliston
Milmar Magnesium Equipment Company Ltd.,
Toronto
Green Forest Lumber Ltd., Toronto

United Kingdom - May 29

The Metal Craft Company Ltd., Grimsby Electrocraft of Canada Ltd., Kingston Hotpack (Canada) Ltd., Waterloo Owl Instruments Ltd., Willowdale Winliz Instrumentation Ltd., Brantford Bryston Manufacturing Ltd., Rexdale Canadian Research Institute, Don Mills Cardiovascular Specialties Ltd., Scarborough

New York - June 8

W. R. Perrin Ltd., Toronto Byers-Bush Ltd., Cooksville Blue Mountain Potter, Collingwood Moto-Mower of Canada, Ingersoll Fleetwood Shuffleboard Manufacturing Ltd., Toronto Ultronics Ltd., Scarborough King Plastics Ltd., Mississauga

Boston — September 7

Luby Products Ltd., Toronto
Leif Jacobsen Ltd., Willowdale
Westeel-Rosco Ltd., Rexdale
Major Pool Equipment Corporation (Canada)
Ltd., Oshawa
Knechtel Furniture Ltd., Hanover
Falcon Lumber Ltd., Toronto
The Canada Metal Company Ltd., Scarborou
Tic Toc Baby Wear Company Ltd., Scarborou

Germany - September 19

Mohawk Mills Ltd., Hamilton
Surpass Chemicals Ltd., Scarborough
Lisle Instrument Systems Ltd., Toronto
Laura Secord Candy Shops Ltd., Toronto
JIF Industries, Guelph
Ingenious Devices Ltd., Orillia
Schaefer Division Studebaker of Canada Ltd
Scarborough
Computing Devices of Canada Ltd., Ottawa

Brazil, Argentina, Chile - September 19

A. D. Burford International Ltd., Weston Litton Systems (Canada) Ltd., Rexdale Scintrex Ltd., Downsview Canada Packers Ltd., Toronto Basic Hydraulics & Industrial Equipment Ltd. Welland Pierce-All Manufacturing Co. Ltd., Brampton

Scandinavia, Holland, Belgium, France — October 10

Brydon Brass Manufacturing Co. Ltd., Rexda Marsland Engineering Ltd., Waterloo Selectone Paints Ltd., Weston Spaulding Fibre of Canada Ltd., Etobicoke Graham Products Ltd., Inglewood Reliance Tool & Die Casting Ltd., St. Thomas Wellinger & Dunn Ltd., Toronto Wheeler-Mobile Ltd., Keswick

Atlanta - October 19

Burke & Wallace Ltd., Rexdale Standard-Modern Tool Co. Ltd., Toronto Brasco Electronics Co. Ltd., Weston Polygon Services Ltd., Toronto Lewis Thomson & Sons Co. Ltd., Stratford Voyageur Diversified Industries Ltd., Alliston Robertson, Stark and Holland, Toronto

Cincinnati - October 20

Alcore Fabricating Ltd., Richmond Hill Cochrane Tool & Design Ltd., Scarborough Commodore Business Machines (Canada) Ltd., Scarborough

Emperor Tent Trailer Mfg. Ltd., Breslaw Industrial Models Ltd., Windsor Precision Data Co. Ltd., Scarborough United Fashion Garment Ltd., Toronto

Italy - October 29

Bay Distributors Ltd., Toronto
Cromac Chemical Co. Ltd., Toronto
Flangeklamp of Canada Ltd., St. Catharines
Hamilton Porcelains Ltd., Brantford
Kilgore Removable Walls Ltd., Toronto
L. J. McGuinness & Co. Ltd., Toronto
Watermaster Industries Ltd., Weston
Jniversal Sections Ltd., Scarborough
Chinook Chemicals Ltd., Toronto

Jnited Kingdom - November 9

Abitibi Panel Products Ltd., Toronto Acmetrack Ltd., Rexdale Amerock Ltd., Meaford Building Products of Canada Ltd., Hamilton Danadian Johns-Manville Co. Ltd., Port Credit The Daymond Co. Ltd., Rexdale (nape & Vogt of Canada Ltd., Rexdale eigh Metal Products Ltd., London Protective Plastics Ltd., Don Mills Rothwell-Perrin Ltd., Portland Universal Sections Ltd., Scarborough

Vest Indies - November 16

Canadian Westinghouse Co. Ltd., London // Id-Mar Ltd., Brampton // Carpetls Ltd., Cornwall // Seneral Freezer Ltd., Woodbridge // Cardee Farms International Ltd., Bradford // Cardee Farms International Ltd., Bradford // Cardee Farms International Ltd., Bradford // Cardee Farms International Ltd., Toronto // Cardee Farms International Ltd., Toronto // M. Schneider Ltd., Kitchener // Colson (Canada) Ltd., Cooksville

os Angeles — November 16

Panadian Office & School Furniture Ltd., reston
Intario Apple Producers Marketing
Intario Apple Producers Marketing
Intario Apple Producers Marketing
Intario Apple Producers Marketing
Intario Intari

hicago - December 1

lollandia Bakeries Ltd., Mount Brydges ralinator Filters Ltd., Preston arelia Studio Ltd., Toronto eneral Smelting Co. of Canada Ltd., urlington fillow Manufacturing Co. Ltd., Toronto



Instant lettering from Ontario will stick to any surface. Any surface? The point was made at the International Gifts Fair in Blackpool, England, where the manufacturer was one of eight companies from the province exhibiting its products.

New Manufacturing Establishment

The following 159 new manufacturing establishments were among the major firms entering secondary manufacturing in Ontario in 1969. Companies listed employ at least 10 persons, occupy 5,000 square feet of manufacturing or assembly space or have sales exceeding \$100,000 annually.



COMPANY	LOCATION	ORIG
AVP Extrusions Limited Cellulose acetate film and sheet	Newcastle	Cana
Accurcast Die Casting Ltd. Aluminum die casting	Wallaceburg	Cana
Acra-Bore Machine Tools Custom machine tools and general machinists	Windsor	Cana
Acritex Yarns Limited Acrylic yarn	Perth	Cana
Agricultural Chemicals Limited Fertilizer	Lindsay	Cana
Aimco Industries, Limited, Brake Drum Division Brake drums and hub and drum assemblies	St. Catharines	Cana
Aluminum Company of Canada, Ltd. Aluminum wire and cables	Bracebridge	Cana
C. F. Anderson Concrete Products Limited Concrete products	Windham Township	Cana
Antique Brick Company Ltd. Antique-style bricks	Huntsville	Cana
Apollo Plastics Limited Custom moulding	Thornhill	Cana
Bacardi and Company of Canada Limited Rum	Chinguacousy Township (Bramalea)	Bermu
Balco Fabricating Limited Pipe fabricating and steel stampings	Metropolitan Toronto	Cana
Bay Trim and Accessories Limited Automotive seat belts	Penetanguishene	Cana
Besteel Limited Open-web steel joists	Metropolitan Toronto	Canad
Beta Tool & Manufacturing Limited Tools, jigs and dies	Windsor	Cana
Bomag (Canada) Limited High-speed compactor	Mississauga	Germa
Brampton Containers Limited Corrugated containers	Brampton	Cana
Brocair Systems Ltd. Aircraft instrument systems	Brockville	United Kingdo
Brooke Bond Foods Limited Spices, dry foods and meat extracts	Belleville	Canad
C-Tech Ltd. Low frequency electronic equipment and sonar devices	Lancaster	Canad
C & C Yachts Limited Sailing yachts	Belleville	Cana
C & L Boatworks Fibreglass sailboats and canoes	Ajax	Cana
Calcutron Machine & Toolmakers Limited Tools and dies	Arnprior	Cana
Calmac Metal Products Limited Screw machine parts for die makers; automotive parts	Windsor	Cana
Campbell Soup Company Ltd. Mushroom production	Hallowell Township (Wellington)	Cana
Canadian Ásea Electric Ltd. Electrical coils	Sudbury	Cana
Canadian Autoweld Ltd. Electron beam; fusion and spot welding equipment	Vaughan Township (Concord)	Canai

MPANY	LOCATION	ORIGIN
nadian Lady-Canadelle Inc. undation garments	Hawkesbury	Canada
nadian Skate Industries, Division of Jelinek velopment Limited ating boots and skates	Oakville	Canada
nadian Westinghouse Company, Limited radios and small electrical appliances	Orangeville	Canada
nadian Westinghouse Company, Limited ctrical coils	Sudbury	Canada
nadian Westinghouse Company, Limited, hting and Air Conditioning Division hting and air conditioning equipment	Galt	Canada
rleton Product Consultants Ltd. mponents and parts for all-terrain vehicles	Arnprior	Canada
rmi Custom Foods Limited armaceuticals and foods	Morrisburg	Canada
emetron of Canada, Ltd. lour pigments and dispersions	Port Hope	United States
ubb-Mosler and Taylor Safes Limited rm devices	Metropolitan Toronto	Canada
astal Steel Construction Limited actural steel fabrication	Thunder Bay	Canada
nmodore Homes Division of Rocket Trailers Limited bile homes	Preston	United States
nstellation Canada Company, Division of omalloy Canada Limited pet finishing and dyeing	Belleville	United States
itinental Can Co. of Canada Limited rugated paper products	Guelph	Canada
ntract Wire Wrap Services, Limited ntom computer parts	London	Canada
intry-Oven Bakery Limited try specialties	London	Canada
vl Industries Limited encing equipment	Metropolitan Toronto	Canada
sswell-Pomeroy Ltd. tom metal fabricators	Chinguacousy Township (Bramalea)	Canada
wood Packaging (Canada) Limited dible film packaging products	Georgetown	United States
tom Glass Ltd. led insulating glass units and ninum ceiling systems	Newcastle	Canada
co Automotive Products Ltd. (9w machine products	Windsor	Canada
line Canada Limited peping brushes	Almonte	United States
eret Pharmaceutical (Canada) Limited losable hospital brushes and masks	Port Credit	United States
ne Petroleum Limited Dane and isobutane	Sarnia Township	Canada
tern Drain Tile Limited n and corrugated cement drainage tiles	Mountain Township (Morrisburg)	Canada
eern Pottery Limited Jous sanitary ware	Cornwall	Canada



COMPANY	LOCATION	ORIGIN
Eastern Welding & Fabricating Co. Ltd. Pipe fabrication and small pressure vessels	Kingston Township	Canada
Eau Pak Limited Individually quick-frozen vegetables	Erieau	Canada
Eaz-Lift Spring Corporation (Ontario) Limited Trailer hitches	London	United States
Elite Tool & Die Limited Precision tools and dies	Windsor	Canada
Erin Steel and Wire Company Welded steel wire fabric	Erin	Canada
Farm Automatic Feeding Limited Automatic feed blender and grinding equipment; grain handling equipment	Howick Township (Gorrie)	Canada
Federal Drilling Supplies Limited Core and sample drilling equipment	North Bay	Canada
Flamingo Pastries Limited Butter and mincemeat tarts	Dutton	Canada
4F Foods Limited Frozen mushrooms	Richmond Hill	Canada
Franklin Equipment Company (Canada) Ltd. Four-wheel drive skidder	Elmira	United States
Freedland Industries Limited Electroplating automotive parts	Kingsville	United States
B. F. Goodrich Canada Limited Flexible urethane foam products	Chinguacousy Township (Bramalea)	Canada
The Greater Canadian Colour Printing Limited Colour comic supplements and newspaper inserts	Stevensville	United States
Grimm's Foods Limited Processed frozen foods	Vaughan Township (Concord)	Canada
H. C. M. Handling Systems Limited Hydraulic work platforms	Stoney Creek	Canada
Harshaw Chemical of Canada, Ltd. Addition agents for electroplating industry	Mississauga (Malton)	United States
Hooker Chemicals (Nanaimo) Limited Phenolic and polyester resins and phenolic moulding compounds	Fort Erie	United States
Hoover Chemical Products of (Canada) Ltd. Polyurethane products	Tillsonburg	United States
Hunter & Waters Manufacturing Limited Pressure-sensitive labels	Windsor	Canada
IRD Mechanalysis Division of H. H. Robertson Limited Vibration analysis and monitoring equipment	Stoney Creek	United States
Imaginotions Limited Custom packaging and gift packaging kits	Metropolitan Toronto	Canada
Indusmin Limited Processed silica	Midland	Canada
J. C. B. Plastics Limited Plastic crash helmets	Fort Erie	Canada
Jasa Manufacturing Company Limited All-terrain amphibious vehicle	Stoney Creek	Canada
Jax Mold and Machine Limited Tire moulds	Simcoe	Canada
Jemco Wiring Components (Canada) Limited Pilot light assemblies; wiring devices and components	Bridgeport	United States





COMPANY	LOCATION	ORIGIN
Jespersen-Kay Systems Limited Modular pre-cast concrete building components	Whitchurch Township (Ringwood)	Canada
Keene Corporation of Canada, Limited Liquid control systems	Galt	United States
Kel-Gor Fabricating Limited Fabricated steel	Sarnia Township	Canada
Kelvin Contact Lenses (Canada) Limited Contact lenses	Metropolitan Toronto	United Kingdom
Kennedy Tubular Products (Canada) Ltd. Galvanized pipe and conduit couplings	Tillsonburg	United States
Kimberly-Clark of Canada Ltd. Facial tissues, paper towels and bathroom tissue	Chaffey Township (Huntsville)	Canada
Kingstube Limited Metal and plastic yarn carrying components	Kingston Township	Belgium
Kirk Containers Limited Corrugated containers	Brampton	Canada
Lakefield Arms Limited Rifles	Lakefield	Canada
Charles Laue Limited Push-rod assemblies, power brake parts and screw machine products	Windsor	United States
H. D. Lee of Canada, Ltd. Men's work clothing and sportswear	Napanee	United States
Liquid Carbonic Canadian Corporation Limited Liquefied gas	Sombra Township (Courtright)	Canada
Loewen Millwork Canada Ltd. Windows and doors	Kitchener	Canada
Mainway Manufacturing Company Limited Truck campers	Burlington	Canada
Mel Marino's Quality Foods Limited Italian style dry-cured meats	Burlington	Canada
McCann/Caulfield Limited Fibreglass boats, pools and planters; plastic building products	Ajax	Canada
Melrob Industries Ltd. Air conditioning and ventilating duct products	Carleton Place	Canada
Metal Chemicals Canada Limited Chemically-based cutting and grinding fluids	Metropolitan Toronto	United States
Metal Improvement Company, Mican Division Shot peening to extend the fatigue life of metals	Metropolitan Toronto	United States
Milco Welding Equipment Co. Welding guns	Windsor	United States
Mills Appliance Products Limited Panaview oven windows	Chinguacousy Township (Bramalea)	United States
Modern Mold Limited Injection moulds	Windsor	Canada
Mosaic Artistic Glass Limited Decorative display glass products	Cornwall	Canada
Multi Carbide Limited Specialized carbide tooling	Gananoque	Canada
Northwestern Structural Steel Limited Fabricated steel	Thunder Bay	Canada
Nylonated Coatings of Canada Limited Nylon coatings; siding and seamless flooring	Kingsville	United States
Oden Machine Works Ltd. General machine shop — job products	Kitchener	Canada

COMPANY	LOCATION	ORIGIN
Ontario Drive and Gear Limited, New Hamburg Division Amphibious off-the-road vehicles	New Hamburg	Germany
Oxwood Industries Limited Snowmobile canopies	Woodstock	Canada
Oxy-Catalyst of Canada Ltd. Air pollution control products	Metropolitan Toronto	United States
P & R Air Cuisine Limited Processed airline meals	Mississauga (Malton)	Canada
Paris Paper and Packaging Limited Paper converting and specialty products	Cainsville	Canada
Patchogue Plymouth-Hawkesbury Mills Division of Amoco Canada Petroleum Co. Ltd. Woven polypropylene fabric	Hawkesbury	United States
Peace River Mining and Smelting Limited Iron powder for moulding	Anderdon Township (Amherstburg)	Canada
Pengo Hydra-Pull of Canada, Limited Highly technical equipment	Woodstock	United States
Phoenix Blending Ltd. Re-processing and custom compounding of plastics	Woodbridge	Canada
Pilot Diamond Tools Limited Diamond drilling bits and diamond impregnated bits	North Bay	Canada
Poly-Thane Industries Limited Picture and clock frames; wood replicas; furniture components	Niagara Falls	Canada
Precision Spring of Canada Limited Valve springs; automotive parts	Kingsville	United States
Private Label Products Ltd. Cosmetics and beauty aids	Niagara Falls	Canada
Progressive Tape Cartridge of Canada Limited Tape cartridges	Metropolitan Toronto	United States
Puritan-Bennett Canada Ltd. Nitrous oxide	Maitland	United States
Pyramid Homes (Eastern) Limited Mobile homes	Cobourg	Canada
RAM Partitions Limited Folding partitions and walls	Brampton	Canada
Railoc Company, Inc. Domed silo roofs and metal accessories for silos	Oakville	United States
W. Ralston & Co. (Canada) Limited Polyethylene tubing and film	Chinguacousy Township (Bramalea)	Canada
Rayshield Limited Radio frequency shielded enclosures	Mississauga	Canada
The Reardon Company Ltd. Roofing compounds	Chinguacousy Township (Bramalea)	Canada
Redman Construction Co. Grain elevator components	Rodney	Canada
Rehau-Plastiks of Canada Limited Plastic pressure pipe	Prescott	Germany
Ricci-Goertzen Equipment Limited Construction equipment	Mississauga	Canada
Royalmation Tool Systems Limited Tool control boards	Windsor	United States
Royda Reinforced Plastics Ltd. Fibreglass moulders	Stoney Creek	Canada
Rust-Oleum (Canada) Ltd. Paint	Metropolitan Toronto	United States





COMPANY	LOCATION	ORIGIN
Sago Saws and Tools Limited Carbide tipped circular saws	Burlington	Canada
J. M. Schneider Limited Processed meats	Ayr	Canada
Schwartz Chemical of Canada Limited Dyes for plastics, wood and metal	Pickering	United States
Scientific Reproductions Division of International Tools Limited Electroforming of specialized moulds for plastics	Kingsville	Canada
I. P. Sharp Associates Limited Computer-based systems components	Carleton Place	Canada
Shinn Aircraft Canada, Ltd. Machining and fabrication of aerospace components	Chinguacousy Township (Bramalea)	United States
Simmons Limited, Selig-Division Living room upholstered furniture and tables	Guelph	Canada
Space-Pak International Limited Prefab housing	Stephen Township (Centralia)	Canada
Sterling Extruder Canada, Limited 1 to 12" plastic extruding machinery	Mississauga (Cooksville)	United States
Streamline Copper and Brass Ltd. Copper fittings for plumbing and refrigeration industries	Strathroy	United States
Syner-Data Canada Limited Computer peripheral devices	Metropolitan Toronto	United States
Tabor Metal Fabrication Transport trailers for cars and yachts	Stephen Township (Centralia)	Canada
Tanton Industries Limited Aluminum castings	London	Canada
Tarxien Company Limited Electroplating and finishing of plastic parts	Ajax	Canada
Terrapin Division, Glendale Mobile Homes Ltd. Building systems modules	Strathroy	Canada
Tilmac Limited Custom metal fabricating	Tillsonburg	Canada
Travelaire Trailer Mfg. Ltd. Holiday trailers	Arnprior	Canada
Travelliner Company Travel trailers	Ajax	Canada
Trent Rubber Services Limited Custom compounding and extrusion of rubber	Lindsay	Canada
Tusco Trailer and Utility Supply Ltd. Trailers	London	Canada
United Extrusions Limited Plastic farm tile	Orangeville	Canada
Vulcan Bowling Products Bowling balls and pins	Metropolitan Toronto	United States
Welmaid Products Canada Limited Ironing board pads and covers; textile household products	Metropolitan Toronto	United States
Wescom Canada Limited Telephone electronic transmission equipment	Metropolitan Toronto	United States
Wilson Sports Equipment Canada Limited Golf clubs	Belleville	United States
Winarick Canada Ltd. Face creams, lipsticks and nail polish	Metropolitan Toronto	United States
Wondermold Industries Limited Plastic flowers	Niagara Falls .	United States



Joint Ventures

Eleven joint ventures were negotiated in Ontario in 1969. Joint ventures unite Ontario industrialists or financial interests with persons or companies inside or outside the province to have their products manufactured in Ontario ba jointly owned company.

JOINT VENTURE AND LOCATION	PRINCIPALS
Elco-Wood Industries Ltd. Windsor Truck bodies and accessories	ITL Ltd., Windsor.
Truck bodies and accessories	Elcombe Engineering Limited Windsor.
E Z Paintr (Canada) Ltd. Brampton Paint rollers	E Z Paintr Corp., Wisconsin, U.S.A.
Paint foliers	National Machine Products Ltd., Metropolitan Toronto.
Flextech (Canada) Ltd. Metropolitan Toronto Flexible tubing for air conditioner	Flexible Tubing, Division of Automation Industries Inc., Connecticut, U.S.A.
and home dryer venting	Anthony Foster and Sons Lto Metropolitan Toronto.
Flylo Corporation Ltd. Ingersoll Two-man hovercraft vehicle	Cushionflight Corporation, California, U.S.A.
Two-man novercran venicre	Ingersoll Machine and Tool Co. Limited, Ingersoll.

OINT VENTURE AND LOCATION	PRINCIPALS
iuncraft Vehicles Ltd.	Travco Corporation, Michigan, U.S.A.
notor nomes	Funcraft Vehicles Ltd., Galt.
deal-ABC Ltd. Metropolitan Toronto ndustrial oil burners	Automatic Burner Corporation, Illinois, U.S.A.
nustrial off burners	Ideal Stoker Company Limited, Metropolitan Toronto.
ntermetco Ltd. łamilton łeclaimed scrap metals	Environ Inc., Michigan, U.S.A.
reciamed scrap metals	International Iron and Metal Co. Limited, Hamilton.
Andular Precast Concrete Structures imited, Markham Township recast systems components	Wates Limited, London, England.
Tecast systems components	Consortium of five Canadian Development and Construction Companies, Metropolitan Toronto.
leiss Lime Company of Canada Ltd.	C. Reiss Coal Company, Wisconsin, U.S.A.
tuck iime	Denison Mines Limited, Metropolitan Toronto.
Iolph-McNally Ltd. fetropolitan Toronto lanadian road maps and atlases	Rand McNally and Company, Illinois, U.S.A.
ranadian road maps and adases	Rolph-Clark-Stone Ltd., Metropolitan Toronto.
tella-Meta Canada Limited fetropolitan Toronto fater purification equipment	Stella-Meta Filters Ltd., Hampshire, England.
vater parmeation equipment	Black and McDonald Ltd., Metropolitan Toronto.



Manufacturing Arrangements
A total of 144 licensing arrangements were made by Ontario companies in 1969 in their pursuit of additional products and diversification.

LICENSEE	LICENSOR	PRODUCT
Abrex Specialty Coatings Limited Oakville	Doerken A.G. Gmbh Herdecke, W. Germany	Technology—paint products
Abstracta System Limited Scarborough	System Abstracta A/S Aarhus, Denmark	Abstracta system
Aer-O-Flo Mfg. Limited Hamilton	Arco Industries Corp. Detroit, Michigan	Industrial air pollution control equipment
Aerometals Limited Toronto	Koehring Company Milwaukee, Wisconsin	Patented system of air opera- tion for concrete buckets
Allis-Chalmers, Rumely, Limited Guelph	Lancer Boss Limited Leighton Buzzard, England	Lift trucks and side loaders
Alumicor Limited Scarborough	Devac Incorporated Minneapolis, Minnesota	Glazed aluminum windows
Ampex of Canada Limited Rexdale	Everest Record Group Los Angeles, California	Music for cartridges and cassettes
Ampex of Canada Limited Rexdale	Vanguard Recording Society Inc. New York, N.Y.	Music on tape
Arc Engineering Company Kitchener	Pengo Hydra-Pull Corporation Fort Worth, Texas	Tension stringing equipment
Arcan Eastern Limited Hamilton	Yawata Metal Fabrication Co. Limited, Japan	Boltless cantilever rack
Armstrong Jones Limited Toronto	Kittel Engineering & Muffler Co. Los Angeles, California	Kittel industrial and marine mufflers
Basic Hydraulics and Industrial Equipment Limited, Welland	Vereinigte Flugtechnische Werke GmbH, Bremen, West Germany	Truck and trailer mounted hydraulic servicing platforms
Bathurst Tool Limited Toronto	N.R.M. Canada Limited Port Credit, Ontario	Rubber and plastic extruders and systems
Beau Line Products Limited Toronto	Ski Sled Corporation Chicago, Illinois	Ski-sled
Bedford Bedding and Upholstery Co. Limited, Toronto	United States Bedding Company St. Paul, Minnesota	"King Kail" sleep products
Beer Precast Concrete Limited Scarborough	Kinnear - Moodie (Concrete) Ltd. Ashford, England	Precast concrete chimneys
Beller Steel Company Limited Guelph	Logging Development Corporation Montreal, Quebec	Log harvesting equipment to cut and process trees
Black-Clawson-Kennedy Limited Toronto	Aco Sales Limited Vancouver, British Columbia	Pneumatic system for trans- porting pulpy or granular materials
Black-Clawson-Kennedy Limited Owen Sound	W. S. Rockwell Co. Fairfield, Connecticut	Gates and valves for the con- trol of liquids, gases and solids
Blue Fire Limited Toronto	System Brodlin Allenback, West Germany	Domestic oil burners
Bomag (Canada) Limited Mississauga	Bomag M.B.H. Boppard/Rhein, West Germany	Compaction equipment
D. W. Brookfield Limited Cooksville	Mr. W. Gronwald St. Michel, Quebec	Plastic toothpaste dispenser
Building Products of Canada Limited, Rexdale	Bird & Sons Incorporated East Walpole, Massachusetts	P.V.C. siding
Butler Manufacturing Company (Canada) Limited, Burlington	Mr. Sven Olaf Gronlund Skara, Sweden	MR—24 Roof Panel System
Canadian Autoweld Limited Concord	Sciaky Bros. Inc. Chicago, Illinois	Welding machines and equipment
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LICENSEE	LICENSOR	PRODUCT
Canadian Consociates Limited Brampton	Universal Masonry Coating Incorporated, Arlington, Massachusetts	Cementitious concentrates
Canadian General Electric Co. Toronto	Richard D. Brew & Co. Inc. Concord, New Hampshire	High temperature vacuum furnaces
Canadian Hanson & Van Winkle Company Limited, Toronto	K. Lath Corp. Monrovia, California	K Lath, plaster and stucco lath
Canadian Westinghouse Company Limited, Hamilton	Arlon N.V. Arneh, Holland	Fluid filters
Canahover Limited Ottawa	Hovercraft Developments Limited London, England	Hovercraft principle
Can-Eng Manufacturing Limited Niagara Falls	Aerodyne Development Corporation, Cleveland, Ohio	Dust and pollution control equipment
Can-Eng Manufacturing Limited Niagara Falls	Warwick Industrial Furnace & Engineering Co., Franklin Park, Illinois	Aluminum and copper melting furnaces
Cardiovascular Specialties Limited, Scarborough	Polystan Ltd. Denmark	Disposable bubble oxygenator
Ceilcote Canada Limited Rexdale	Plastic Blower Inc., Division of the Ceilcote Co., Cleveland, Ohio	Full line of axial and centrif- ugal solid F.R.P. fans
Charlescraft Corporation (Canada) Limited, Toronto	Saunda Inc. Chicago, Illinois	Portable home facial "beauty machines"
Cochrane Tool & Design Limited Scarborough	The Siemon Company Watertown, Connecticut	Telephone connector
Concept Furniture International Limited, Toronto	S. Hille & Co. Limited Watford, England	Furniture and storage wall systems
Continental Can Company of Canada Limited, Toronto	Mardon Son & Hall Limited Bristol, England	"Pleatseal" process for com- bining carton board and flex- ible packaging material
C/S Construction Specialties Limited, Port Credit	Liskey Aluminum Inc. Glen Burvie, Maryland	Elevated flooring systems
Copeland Laboratories Limited Rexdale	Chemical Packaging Corporation Fort Lauderdale, Florida	Industrial aerosols, technical know-how
Copeland Laboratories Limited Rexdale	Restornap Limited London, England	Fabric cleaner and colour restorer
Cowl Industries Limited Toronto	Auto Diesels Limited Uxbridge, England	Industrial generator mufflers and industrial turbines
Cowl Industries Limited Toronto	Markon MacFarlane Engineering Limited, Oakham, England	Industrial alternators and generators
Cowl Industries Limited Toronto	Motori V.M. Cento, Italy	Range of air-cooled diesel engines
The Daymond Company Limited Chatham	Hudswell Badger Limited England	Badger method of laying pipe
Delta Electric (Sarnia) Limited Sarnia	Arco Electric Products Corp. Shellbyville, Indiana	"Roto-phase" converter
Dominion Aluminum Fabricating Limited, Toronto	Didsbury Engineering Limited Manchester, England	Manual hoist (cable wind hand winch)
Dominion Welding Engineering Company Limited, Maple	Zaremba Company Buffalo, N.Y.	Evaporators and related chemical equipment
Douglas Engineering Co. Limited Don Mills	Connor Engineering Corp. Danbury, Connecticut	Dual duct high pressure mixin units; single duct high pressur units; single duct high pressur reheat units

LICENSEE	LICENSOR	PRODUCT
Douglas Engineering Company Limited, Don Mills	Jenn-Air Corporation Indianapolis, Indiana	Acoustic curbs for power roof exhausters
Douglas Randall Canada Limited Scarborough	Astrodyne Corp. (Div. of Roanwell Corp.), Burlington, Massachusetts	Astrodyne heat sinks
Electronic Associates of Canada Limited, Willowdale	Control Systems Division Beloit Corp., Beloit, Wisconsin	Measuring devices for computer use in the paper making industry
S. W. Fleming & Company Limited Scarborough	Global Steel Products Corp. Deer Park, N.Y.	Toilet partitions commercial and industrial
4F Foods Limited Richmond Hill	M. H. Patent Development Corp. Limited, Vancouver, British Columbia	Freezing process for preserva- tion of mushrooms and other vegetables
Franki Canada Limited Scarborough	A. Johnson & Co. Inc. Stockholm, Sweden	Herkules precast concrete piling
Frost Metal Products Limited Hamilton	Concentric (Fabrications) Limited London, England	Stainless steel men's urinal
Galt-Canadian Woodworking Machinery Limited, Galt	Industrial Machinery Co. Inc. Garland, Texas	Defect saws
The Gas Machinery Co. (Canada) Limited, Malton	Ipsen Industries—Div. of Alco Standard Corp. of Philadelphia Rockford, Illinois	Ipsen heat treat furnaces
General Concrete Limited Hamilton	Celdex Corporation Pittsburgh, Pennsylvania	Pre-stressed floor and roof slab
General Steel Wares Limited Toronto	Automatic Steel Products Inc. Canton, Ohio	Mercury clutches for washing machines, truck refrigeration, helicopters, textile, agricultural and construction machinery
Greey Mixing Equipment Limited Toronto	Alcan Research and Development Limited, Montreal, Quebec	Bauxite Alumina extraction process
Grew Limited Penetanguishene	A.M.F. Alcort, Division of American Machine & Foundry Corp. Waterbury, Connecticut	"Sunfish" sailboats
Haldon Manufacturing Limited Pembroke	Armand J. Emond Pembroke, Ontario	Baby charmer
J. Harris & Sons Limited Islington	Losinger & Co. S.A. Berne, Switzerland	Igeco System
Hart Chemical Limited Guelph	Retzloff Chemical Company Houston, Texas	Agricultural chemical emulsifiers
Hayward Gordon Limited Malton	Carver Pump Company Muscatine, Iowa	Pumps and pump components
Heywood-Wakefield Co. of Canada Limited, Orillia	Gerry Designs Incorp. Boulder, Colorado	Gerry Pack—baby carrier
Hospital and Kitchen Equipment Co. Limited, Don Mills	Electro Systems Incorporated San Francisco, California	Modular wall system with conduit and wiring complete
Ideal Stoker Company Limited Toronto	Automatic Burner Corp. Chicago, Illinois	Industrial gil burners
Indal Canada Limited Toronto	Alcan Research and Development Limited, Montreal, Quebec	"ANOLOK"—colour anodizing process
Ingersoll Machine and Tool Co. Limited, Ingersoll	Paul Niederost Schmerikon, Switzerland	"Neidhardt" torsional spring
International Rectifier Canada Limited, Scarborough	Wakefield Engineering Inc. Wakefield, Massachusetts	Fabrication of extruded heat exchangers





LICENSEE	LICENSOR	PRODUC
Jespersen-Kay Systems Limited Don Mills	A. Jespersen & Son International Copenhagen, Denmark	Industrialized building system
K-Vet Limited Hespeler	Vestal Laboratories Division of W. R. Grace & Company, St. Louis, Missouri	Environ phenolic disinfectant systems for food processing, food handling and agricultural markets
S. F. Lawrason Company Limited London	Allied Research Products Inc. Baltimore, Maryland	Specialized metal treatment compounds
F. Lepper & Son Limited Scarborough	Screening & Application Engineers, Warwickshire, England	"Roto Sieve"
London Steel Industries London	C M H Equipt, Limited Grimsby, Ontario	Frazier Racking System
London Steel Industries London	Industrial Services of America Inc. Louisville, Kentucky	Waste packers and container
MacDonald Steel Limited Preston	Munro Systems Corp. Philadelphia, Pennsylvania	Hydraulic balers for scrap paper
Metal Chemicals Canada Limited Rexdale	Master Chemical Corporation Perrysburg, Ohio	"Trim" cutting and grinding fluid concentrates
Microcolor Dispersions Limited Toronto	All Phase Color Corporation Los Angeles, California	Universal paint colorant
Milburn Equipment Co. Toronto	Brockman & Bundt Dusseldorf, West Germany	High capacity impulse type gas and oil burners
Milburn Equipment Co. Toronto	System Brodlin Allenback, West Germany	Industrial oil burners
Miller Equipment Co. of Canada Limited, Trenton	Safety Clamps Inc. Jacksonville, Florida	Safety clamp hooks for steel sheets
Mills Steel Products Limited Hamilton	Daywood Safety Products Limited Etobicoke, Ontario	Construction safety rail for open building floors
Modular Precast Concrete Structures Limited, Toronto	Wates Limited London, England	Wates System
A. R. Monteith Limited Mississauga	Switzer Brothers Inc. Cleveland, Ohio	Fluorescent pigments and dyes
L. J. McGuinness & Co. Limited Mimico	Booth's Distilleries Limited London, England	Booth's gin (High & Dry)
National Refractories Limited Port Robinson	Bellfires Limited Netherlands	Refractory fireplace forms
National Sewer Pipe Limited Oakville	Flex-Lox Limited Abbotsford, British Columbia	Flexible urethane push joint for vitrified clay pipe
Neo Machine Limited Hamilton	Pamarco Inc. Roselle, New Jersey	Special engraving process
Newmarket Supply Company Newmarket	Wandscheers Inc. Sioux City, Iowa	"Sno-Rid"—hydraulic scraping attachment
Niagara Paint & Chemical Co. Limited, Hamilton	St. Louis Paint Manufacturing Co. St. Louis, Missouri	"Qualiware" finish
Northern Steel Products Limited Sault Ste. Marie	Ste-Co. Ltd. Sutton-in-Ashfield, England	Pyramid bending rolls, for U.S. and Mexico
Oakwood Industries Limited Malton	Electric Boiler Corp. of America Worcester, Massachusetts	Electrode steam boiler
Office Specialty Limited Newmarket	Art Metal Inc. Jamestown, New York	Filing equipment

LICENSEE	LICENSOR	PRODUCT
Ornamental Mouldings Limited (Truform Investment Castings Division), Waterloo	Unicast Development Corp. Pleasantville, New York	Ceramic moulding process for casting of metals
Otaco Limited Orillia	Terra Travel Products Limited Lindsay, Ontario	All terrain vehicle (trade name "Bazooo")
Oxwood Industries Limited Division of Canada Casters Limited, Woodstock	Mr. Jerry Koehn Waterdown, South Dakota	Snowmobile canopy
Peabody Engineering Corporation of Canada Limited, Cooksville	Lugar Entstaubungsgesellschaft MbH, Herne, West Germany	Filters
Peabody Engineering Corporation of Canada Limited, Cooksville	Lurgi Vertwaltung Gesellschaft Gmbh, Frankfurt, West Germany	Filters
PennKote Limited Scarborough	Briggs Bituminous Company Inc. Philadelphia, Pennsylvania	Penn Tite corrosion and moisture barrier asphalt sealant
PennKote Limited Scarborough	Cement Materials Corporation Elgin, Illinois	Speed Crete concrete repair material for above/underwater use
PennKote Limited Scarborough	IPA Munich, West Germany	IPA waterproofing system waterproofing additives for sand/cement plasters
Philips Electronic Equipment Division, Philips Electronic Industries Limited, Toronto	Airborne Instrument Laboratories Long Island, New York	"ILS" instrument land systems
Private Label Products Limited Niagara Falls	Paris Cosmetics Inc. Jersey City, New York	Cosmetics formulae
W. C. Pursley Limited Cooksville	Willsher & Quick Limited Highbridge, Somerset, England	Modular panels (electrical and other)
Ramsey Rec. Limited Richmond Hill	Canadian National Railways Montreal, Quebec	In-motion automatic journal oiler
Ranger Safety Products Limited Simcoe	Wheeler Safety Apparel Inc. Chicago, Illinois	Wheeler safety leggings; Wheeler Acid King safety suits; Wheeler Fire King safety suits
David S. Reid Limited Toronto	Canadian Yachting Association Montreal, Quebec	Yachting jackets; buoyancy jackets; water-wear
David S. Reid Limited Toronto	Nancy Greene Limited Toronto, Ontario	Men's, women's and children's ski wear
Richards-Wilcox of Canada Limited, London	Float-Away Door Company Atlanta, Georgia	Folding metal closet door
Rockwood Equipment Co. Downsview	Tusco Trailer and Utility Supply Limited, London, Ontario	Automobile tow trailer
Rust Craft Limited Scarborough	The Paramount Line Inc. Pawtucket, Rhode Island	Greeting cards
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LICENSEE	LICENSOR	PRODUCT
Spar Aerospace Products Limited Toronto	Sonotone Corporation Elmsford, New York	Coulometer controlled battery charging system for use with nickel-cadmium batteries
Standard Refractories Limited Burlington	Lavino Division, International Minerals & Chemicals Corp. Philadelphia, Pennsylvania	Basic specialties
Sterling Packaging Products Limited, Scarborough	Alcoa Limited (Aluminum Company of America) Pittsburgh, Pennsylvania	Aluminum closure
Tamco Limited La Salle	Marine Unlimited Inc. Warren, Michigan	Sting-Ray inboard and outboard plastic boats
Thomson-Gordon Limited Hamilton	J. W. Roberts Limited Bolton, England	Phenolic bearings for paper and steel mills
Thomson-Gordon Limited Hamilton	Rubatex Corporation Bedford, Virginia	Cellular rubber products
Tillotson Plastics Industries Limited, Weston	International Technology Inc. Baltimore, Maryland	Visual displays and controls and other products covered by conductive plastics patent
Universal Handling Equipment Limited, Hamilton	Wayne Engineering Corporation Cedar Falls, Iowa	Refuse packer
Vagden Mills Limited Trenton	Fruit of the Loom, Inc. New York City, New York	Men's and boys' hosiery
Venetian Marble Company (Ontario) Limited, Hamilton	Venetian International Inc. Dallas, Texas	Fortified marble product
Vibron Limited Weston	B.E.H., Baldwin Ekret and Hill Trenton, New Jersey	Mechanical noise control products
Visirecord Systems Canada Limited, Toronto	Staller Cabinets Inc. Fort Atkinson, Wisconsin	Mobile shelving
Visirecord Systems Canada Limited, Toronto	Supreme Equipment & Systems Corporation, New York, New York	Conserv-a-File V Conserv-a- Trieve electronic file
W. J. Westaway Co. Limited Hamilton	Water Engineering Limited Harrow-on-the-Hill, England	Water clarification and purification equipment
George White & Sons Limited London	Alexander Duncan (Aberdeen) Limited, Aberdeen, Scotland	Tractor cabs
J. E. Wiegand and Company, Limited, Hamilton	Manhattan International New York, New York	"Manhattan" shirts
Wilson & Cousins Co. Limited Toronto	Bilgram Gear & Machine Works West Conshohocken, Pennsylvania	Centrifugal pumps
Wilson & Cousins Co. Limited Toronto	Purex Corporation Prosser Industries Division Lakewood, California	Prosser electric submersible pumps
Wonder Seal (Canada) Limited St. Catharines	Wonder Seal Inc. Lockhart, Texas	Tire repair kits for tubeless tires
Zip Grip International Limited Mississauga	Acme Lite Mfg. Co. Chicago, Illinois	Projector tables

New manufacturing arrangements completed with Canadian Patents and Development Limited, Ottawa, Ontario

LICENSEE	PRODUCT
Canadian Gypsum Co. Limited Toronto	Case 2933—Synthetic plaster set retarder
Champlain Power Products Limited, Rexdale	Case 3719—Water leak detector
Devtek Limited Toronto	Edgeline glue dyer
Devtek Limited Toronto	Method and apparatus for dialectric heating (Case 3890)
Devtek Limited Toronto	Parallel plate wave guide drying system
Garrett Marine Rexdale	Ship to ship stores transfer apparatus
Hart Chemical Limited Guelph	Fuel oil additive
International Nickel Co. of Canada Limited, Toronto	Case 3591—Separation of cobalt and nickel by extraction from acid solutions
Master Mechanical Manufacturing Limited, Weston	Tube welding device
R. J. Minogue and Company Limited, North Bay	Portable rock drill—G.S.C. model



int Expansions

414 additions to plants in Ontario in 1969 cost a total of \$264,034,656. An additional 6,646 jobs resulted. The companies involve 💵

Hone Table & Accessories, Toronto bibi Paper Co. Limited, Thunder Bay x Specialty Coatings Limited, Oakville Welding & Boiler Co. Ltd., Brantford ne Neon Signs (London) Limited, London canced Transducer Systems Ltd., Toronto cance Process Supply, Toronto equip Canada Limited, Toronto cultural Chemicals Ltd., Brucefield iraft Appliances & Equipment Ltd., Toronto iMaster of Canada Limited, Lambeth Ikandria Sash & Door Co. Ltd., Alexandria Ipnquin Metal Poducts, Huntsville led Chemicals Limited, Falconbridge led Plastic Fabricators of Allied Sign Letters Ltd., Toronto la Paint & Varnish Co. Limited, London Ina Machine Works, Pickering Ininium Co. of Canada Limited, Kingston mal Milk Products Limited, Durham Industries, St. Catharines Arrco Saxon Co., Toronto sestos Building Supply Ltd., Toronto ts Steels Co. Limited, Welland bra Tank and Welding, Aurora mer Dairy Limited, Aylmer

Sdwin Garments Limited, London Ber-Colman of Canada Ltd., Toronto Iton Distilling (Canada) Ltd., Collingwood on Tubes Ltd., Burlington sch & Lomb Optical Co. Ltd., Midland Sich Industries Limited, Smiths Falls In Printing & Publishing Limited, Waterloo Cham Products Limited, Toronto hoo Industries Limited, Streetsville Bir Precast Concrete Limited, Toronto Thread Co. Limited, Arthur mont Meat Products, Toronto dix Eclipse Co. of Canada Ltd., Windsor Bernard (Canada) Limited, Toronto ger Industries Limited, Stratford erage Canners Limited, Toronto Pen of Canada Limited, Toronto ks of Canada Limited, Toronto Brite Rubber (1969) Limited, Toronto Phop Concrete Products, St. Thomas 3ck & Decker Mfg. Co. Ltd., Brockville 3 ckstone Industrial Products Ltd., Stratford ne Spring Industries Ltd., Toronto eal Timber Limited, Thunder Bay Symar Canada Limited, Ottawa Int Beverages Limited, Brantford

3 iton Carpets Limited, Lindsay

Brown Fintube (Canada) Limited, St. Thomas Building Products of Canada Ltd., Hamilton Building Products of Canada Ltd., Acton Bundy of Canada Limited, Hespeler Bundy Tubing Co. of Canada Ltd., Bramalea Butler Manufacturing Co. (Canada) Ltd., Burlington

C/S Construction Specialties Ltd., Port Credit

Canada & Dominion Sugar Co. Ltd., Toronto

C.I.P. Containers Limited, Markham

S. H. Camp of Canada Limited, Trenton

C & M Products Limited, Markham

Canada Envelope Co., Toronto

Canada Last Co. Ltd., Preston

Canada Machinery Corp. Ltd., Galt Canada Starch Co. Limited, Cardinal Canadian Admiral Corp. Ltd., Port Credit Canadian Anaesthetic Gases Limited, Toronto Canadian Belvedere Products Limited, Kitchener Canadian Bitumels Co. Limited, Coniston Canadian Curtis Refrigeration Ltd., Stoney Creek Canadian Everguard Coatings Ltd., Toronto Canadian Fence & Wire, Windsor Canadian Filters Limited, Chatham Canadian Filters Limited, Harwich Canadian General Electric Co. Ltd., Oakville Canadian General-Tower Ltd., Galt Canadian Gypsum Co. Ltd., Hagersville Canadian Industries Limited, Copper Cliff Canadian Johns-Manville Co. Ltd., North Bay Canadian Kodak Co. Limited, Toronto Canadian Morbark Limited, North Bay Canadian Provimi Co. Limited, Woodstock Canadian D. A. Stuart Oil Co. Ltd., Toronto Canadian Thermos Products Ltd., Toronto Canadian Trailmobile Ltd., Brantford Canadian Tri-Products Co., Peterborough Canadian Velcro Limited, Bramalea Canusa Coatings Systems Ltd., Huntsville Canvil Limited, Simcoe Caravelle Carpets Limited, Cornwall Carbide Grinding & Manufacturing, Toronto Hugh Carson Limited, Ottawa Central Welders & Blacksmiths Ltd., Rodney Chesebrough Ponds Limited, Markham Chubb-Mosler & Taylor Safes Ltd., Toronto Cleaver — Brooks of Canada Ltd., Stratford Coles Publishing Co. Ltd., Toronto Colonial Cookies Ltd., Kitchener Colt Press Automation Limited, Oakville Concrete Pipe Co., Toronto Consumers Glass Co. Limited, Toronto

Corvette Industries Limited, Toronto Courtaulds Canada Limited, Cornwall Craig Bit Co. Limited, North Bay Custom Plastics International Ltd., Cobourg Daisy Heddon Limited, Preston Danor Manufacturing Co. Ltd., Brockville Data Business Forms, Malton A. Davis & Son Limited, Kingston Dayton Rubber Co. (Canada) Limited, Toronto De Havilland Aircraft of Canada Ltd., Toronto Deluxe Upholstering Limited, Waterloo Desert Wagon Foods Div. St. Williams, Simcoe John Deyell Limited, Lindsay Diamond Clay Products Limited, Burlington Dominion Colour Corp. Limited, Ajax Dominion Electroplating, Midland Dominion Foundries & Steel Ltd., Hamilton Dominion Glass Co. Ltd., Hamilton Dominion Road Machinery Ltd., Goderich Dominion Simplicity Patterns Ltd., Toronto Dominion Chemicals Ltd., Beachville Domtar Fine Papers Limited, St. Catharines Domtar Packaging Limited, Peterborough Donlee Manufacturing Industries Ltd., Toronto Douglas Aircraft Co. of Canada Ltd., Toronto Dresden Tile Yard Limited, Dresden Drew Chemical Limited, Ajax Dupar Canada Limited, Kitchener DuPont of Canada Limited, Kingston Durable Release Coaters Limited, Toronto Duraform Concrete Systems Limited, Toronto Durham Chair & Store Fixtures Limited, Durham

Everpure of Canada Limited, Toronto Exact Weight Scale Co. (Canada) Ltd., Toronto Ex-Cell-O Corp. of Canada Limited, London

Fabian Furniture Manufacturing Co. Ltd., Milton Fabricated Plastics Ltd., Toronto Fabricated Steel Products (Windsor) Ltd., Windsor Fabricon Manufacturing Co. Ltd., Trenton Fahralloy-Wisconsin Ltd., Orillia A. Feldmann Window Mfg., Windsor E. H. Ferree Co. Limited, Niagara Falls Fiberglas Canada Ltd., Sarnia Filtro Electric Limited, Orangeville Firestone Tire & Rubber Co. of Canada Ltd., Woodstock Fisher Governor Co. of Canada Ltd., Woodstock Fisher Governor Co. in Jinited Port Perry

Flamingo Pastries Limited, Port Perry
Fleck Manufacturing Co., Tillsonburg
Fleetline Products Limited, Cainsville
Fleet Manufacturing Ltd., Fort Erie

Fleetwood Kitchens, Dorchester
Flexsteel Industries Limited, New Hamburg
Frigidaire Products of Canada Limited, Toronto
Ford Motor Co. of Canada Ltd., Oakville
Form-Rite Tube Limited, London
La Fromagerie St.-Andri Lte., Russell

Galt British Forge Limited, Galt Galt-Canadian Woodworking Machinery Limited, Galt Galt Metal Industries Limited, Galt Garrett Manufacturing Ltd., Toronto General Binding Corp (Canada) Ltd., Toronto General Motors Trim. Ltd., Windsor General Quilting Co. Ltd., Toronto General Spring Products Ltd., Kitchener Georgian Bay Fruit Growers Ltd., Thornbury Gills Beverages Ltd., Smiths Falls Glencoe Cheese Factory, Bonville Goodyear Tire & Rubber Co. of Can. Ltd., Bowmanville Gorman Knitting Mills Ltd., Toronto Gould National Batteries Ltd., Fort Erie Grace Plastics Ltd., Cornwall Great West Timber Ltd., Thunder Bay Grew Ltd., Penetanguishene Griffith Laboratories Ltd., Toronto Griffith Saddlery and Leather Ltd., Stratford Grose Welding Ltd., Alma Guildline Industries Ltd., Smiths Falls Gulf Oil Canada Limited, Toronto Guy-Chart Tools Limited, Pickering

Hall Lamp of Canada Ltd., Centralia
Hambly's Beverages Limited, Oshawa
Hamilton Plastic Fabricators, Stoney Creek
Hamilton Wire Products Co. Ltd., Hamilton
Hammond Manufacturing Co. Ltd., Guelph
Harding Carpets of Canada Ltd., Collingwood
Harth Industries Ltd., Galt
Haun Drop Forge Co. Ltd., Welland
Hendershot Inks Ltd., Toronto
Hendrickson Manufacturing Canada Ltd.,
Stratford
Hentschel's Furniture Ltd., Waterloo

Hinterhoeller Limited, Niagara-on-the-Lake
Hollandia Bakeries Ltd., Mount Brydges
Honeycomb Construction Ltd., Tillsonburg
Hooker Parker (Canada) Limited, Toronto
R. Huber and Co. (Canada) Ltd., Toronto
Hughes Roof Truss Co. Ltd., Ajax
Humpty Dumpty Potato Chip (Canada) Ltd.,
Toronto

Hunter Rose Co. Div. Copp Clark Ltd., Toronto Hurley Printing Co. Ltd., Brantford Huron Steel Products Co. Limited, Windsor F. Hyde Co. Limited, St. Thomas Hyde Spring & Wire (Canada) Limited, Brantford

I.B.L. Industries Limited, Burlington
Impact Tool & Mfg. Limited, Brantford
Imperial Oil Limited, Sarnia
Indalex Limited, Toronto
Industrial Process Equipment Co. Ltd., Bolton
Industrial Tires Limited, Toronto
Ingenious Devices Limited, Orillia
Intercity Papers Limited, Cooksville

J. M. G. Manufacturing Co. Limited, Thornbury Jaro Manufacturing Co. Limited, Woodstock Jarvis Clark Co. Limited, Sudbury

King Tool & Mould Limited, London K-Vet Laboratories Limited, Hespeler Kayson Plastics & Chemicals Limited, Preston Kelsey-Hayes Limited, Windsor Kendan Manufacturing Limited, Windsor Kent Tools Limited, Markham Kert Manufacturing Co. Limited, Toronto Keystone Fence Company, Toronto Kimberly-Clark of Canada Limited, Toronto Kinkead Canada Limited, Toronto Klassen Bronze Limited, New Hamburg Kohler of Canada Limited, Toronto Kokatow Lumber Limited, Kirkland Lake Kolmar of Canada Limited, Barrie Kralinator Filters Limited, Preston Kraus Carpet Mills Limited, Waterloo Kromet Handles Limited, Galt Kuntz Electroplating Limited, Kitchener

L-O-F Glass Limited, Collingwood
Laars of Canada Limited, Oakville
Lac Seul Land & Lumber Co. Limited, Oakville
Lake Engineering Co. Limited, Toronto
Lake Ontario Steel Co. Limited, Whitby
Lansing Bagnall of Canada Limited, Toronto
Lau Products Limited, Kitchener
L. F. Lawrason & Co. Limited, London
Lawter Chemicals (Canada) Limited, Toronto
Lecours Lumber Company, Calstock
Lincraft Limited, Lindsay
Lindsay Specialty Products, Lindsay
Lorlea Enterprises Limited, Bramalea
Lufkin Rule Co. of Canada Limited, Barrie

Mannesman Tube Co. Limited, Sault Ste. Marie Manton Printing Inks Limited, Toronto Mapac Division Polypump Limited, Maple Mascon Custom Metals Limited, Bridgeport Marshall Industries Limited, Toronto Marsland Engineering Limited, Waterloo Massey Ferguson Industries Limited, Brantford Mathews Conveyor Co. Limited, Port Hope R. T. McBride Limited, Stratford

McDonco Machine Limited, Bertie Twp.
James B. McGregor Limited, Toronto
M.I.A. Chemicals Limited, Toronto
Midwest Abrasive Co. of Canada Limited,
Strathroy
Miles Laboratories Limited, Toronto
Milner Refrigerator Division, Canadian Tyler
Refrigeration Limited, Agincourt
Mintex Federal Limited, Toronto
Moffats Limited, Toronto
G. A. Moggridge Co. Limited, St. Catharines
Monsanto Oakville Limited, Oakville

Brampton
Morton-Parker Ltd., Trenton
Motor Wheel Corp. of Canada Limited,
Chatham

Morgan Adhesives of Canada Limited.

Mueller-Richardson Ltd., St. Marys Muskoka Charcoal Co. Limited, Huntsville

National Fibre of Canada Limited, Toronto National Hardware Specialties Limited, Dresden National Sewer Pipe Limited, Toronto National Starch & Chemical Co. (Canada) Limited, Collingwood Nepco-Delta Star Works, Woodstock Newport Chesterfield Co. (1965) Limited,

Niagara Art Craft, Niagara Falls Norfolk Knitters Limited, Port Dover Northern Wood Preservers Limited, Thunder Bay

Norton Co. of Canada Limited, Hamilton Nu-Rock Concrete Products Limited, Thamesville

Olan Lumber Limited, Huntsville
Ontario-Minnesota Pulp & Paper Co. Limited
Kenora
Ontario Paper Co. Limited, Thorold
Origena Pizza Crust Co. of Canada Limited,
Cooksville

Oshawa Boat Works, Oshawa Otaco Limited, Orillia Overhead Door Co. of Canada Limited. Oaks

Parmenter & Bulloch Div. Textron Canada L Gananoque

Pearson Forest Products Limited, Glenorch Pfizer Co. Limited, Cornwall Philips Electronics Industries Ltd., Toronto Polymer Corporation Limited, Sarnia Powell Foods Limited, St. Catharines Precision Valve Co. Limited. Aiax

Premier Spring & Manufacturing Limited, A

Pride of Paris Fabrics Limited, Paris
Procor Limited, Oakville



Proto-Mould Limited, London W. C. Pursley Limited, Toronto Pyrotenax of Canada Limited, Trenton

Raiston Custom Steel Products Limited, Guelph R. H. Cabinets, Oshawa Rassaun Steel Manufacturing Company, Jarvis Ratcliff's (Canada) Limited, Richmond Hill Raytheon (Canada) Limited, Waterloo J. D. Reed Machine Limited, Brantford Regal Toy Limited, Toronto Regency Plastics Co. Limited, Toronto Reichhold Chemicals (Canada) Limited, North Bay Reitzel Bros. Limited, Oakville Reliance Steel Fabricators Ltd., Tilbury Reliance-Reeves-Master Ltd., Stratford Rensie Clocks (Canada) Ltd., Toronto Reynolds Extrusion Co. Limited, Richmond Hill Reynolds & Reynolds (Canada) Ltd., Toronto Richmond Hill Labs Ltd., Toronto Rich Products of Canada Limited, Fort Erie Richmond Screw Anchor Co. of Canada Limited, Toronto Rig-Fab Steel Limited, Lindsay Riverside Yarns Limited, Galt Robertson-Irwin Limited, Hamilton Robeson Lang Leathers Limited, Cobourg Rockwell Manufacturing Co. of Canada Limited, Toronto Rohm & Haas Co. of Canada Ltd., Toronto

Sabre Saw Chain (1963) Limited, Burlington St. Clair Chemical Limited, Sarnia Sanderson & Harold, Paris Savage Shoes Ltd., Preston Scepter Manufacturing Co. Limited, Toronto J. M. Schneider Limited, Kitchener Scintrex Limited, Toronto Sealcraft Products Limited, Toronto G. D. Searle & Co. of Canada Ltd., Bramalea Sehl, Engineering Limited, Kitchener Selkirk-Metalbestos Limited, Brockville Seven-Up Co. Ontario Limited, Toronto Silverwood Dairies Limited, Peterborough Shell Canada Limited, Burlington Simmon's Eastern Manufacturing Co. Ltd., Waterloo

Romac Products Limited, Port Credit

Roman Cheese Products, Niagara Falls

Rothsay Concentrates Ltd., Palmerston

Rubbermaid Canada Limited, Toronto

Rotork Controls of Canada Limited, Toronto

Simplex International Time Equipment Co. Ltd., Toronto Smith Beverages Limited, Oshawa Slant/Fin Limited, Toronto Slick Industrial Co. Canada Ltd., Bramalea A. O. Smith International, Stratford Sonoco Products Co. of Canada Ltd., Toronto Spiers Brothers Limited, Sarnia Spinrite Yarns Limited, Listowell Spoolon Manufacturing Limited, Cobourg Sport-Ray Limited, Orangeville Standard Tube & T. I. Limited, Woodstock Star Slipper Co. Limited, Toronto Stephens-Adamson Manufacturing Co. of Canada Limited, Belleville, Ont. Stewart Bender (London) Limited, London Stouffville Machine & Tool Works Limited, Stouffville Strathcona Paper Co. Limited, Strathroy Sturgeons Limited, Toronto Sun Oil Co. Limited, Sarnia Suntool & Stamping Co. Ltd., Windsor Superior Brick & Tile Co. Limited, Thunder Bay Superior Electrics Limited, Pembroke Systematic Tool & Die Co. Ltd., Toronto

T.C.F. of Canada Limited, Cornwall Tecumseh Metal Products Ltd., Windsor Tecumseh Products of Canada, London Tee-Kay Apparel Limited, Thunder Bay Tee-Pak of Canada Limited, Toronto Teeswater Creamery Limited, Teeswater Thermo Electric (Canada) Limited, Brampton Thermon Canada Limited, London Thermoset Plastics (Guelph) Ltd., Guelph Thiokol Fibres Canada Limited, Brantford J. E. Thomas Assets Limited, Lindsay F. G. Thompson Co. Limited, Toronto Thornloe Cheese Factory, Thornloe Three Star Lumber Limited, Huntsville Tonka Corp. Canada Limited, Toronto Traveller Manufacturing Co. Ltd., Peterboro Triangle Die & Tool Limited, St. Catharines

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Walbar Machine Products, Cooksville Hiram Walker & Sons Limited, Walkerville E. J. Ward Limited, Toronto C. A. Wasmund & Sons Limited, Wicklow Waterloo Metal Stampings Limited, Waterloo Waterloo Spring Limited, Waterloo Wayne Forge Limited, Toronto Weil-McLain (Canada) Limited, Bramalea Welland Forge Limited, Welland Weltronic Company, Windsor Western Foundry Limited, Wingham Weyerhauser Canada Limited, Sault Ste. Marie Whitaker Cable Co. of Guelph Limited, Guelph Whitney Plastics Limited, Kitchener T. D. Williamson (Canada) Limited, Georgetow Willock Truck Equipment Co. Ltd., Oakville Windsor Chrome Plating Co. Ltd., Windsor Wings Success Limited, Grimsby Witco Chemical Co. Canada Limited, Oakville Wood Pallet Company, Palmerston W. C. Woods Limited, Guelph

Tade Shows and Exhibits 1969

Ctario products and industrial development opportunities were featured at 28 trade fairs and exhibits in the United Status and the united from the control of the control o

nada Farm and Industrial Equipment Show, Tonto/Jan. 22-25.

Chadian Hardware Show, Toronto/Feb. 3-6. n:rnational Gifts Fair, Blackpool, England/ 50. 2-7.

Anual New England Industrial Show, Boston, Wss./Feb. 4-7.

rinational Household Goods and Hardware Fr, Cologne, Germany/Feb. 20-23.

Astern Tool and Metal Exposition, Los Ageles, Calif./March 10-14.

NMSB Fall '69 Sportswear Panorama, New Y'k/March 17-19.

remational Fair for the Child, Cologne, Grmany/April 11-13.

Fra Di Milano, Milan, Italy/April 14-25.

Byers' Exhibition, Glasgow, Scotland/ Aril 22-23.

Modow Display, Iroquois Room, Ontario House, Lidon, England/April 22-26 Continuous.

Ennover Messe, Hannover, Germany/ Aril 26-May 4.

ATME Tool Exposition, Chicago, III./May 5-9.

Csign Engineering Show, New York, N.Y./ Ny 5-8.

Edapest International Fair, Budapest, Ingary/May 16-26.

Jnaica Hotel and Tourist Association Covention, Kingston, Jamaica/May 30-June 1.

th International Samples Fair, Barcelona, Sain/June 1-15.

7 International Hospital Equipment Medical Egineering and Services Exhibition, London, Egland/June 2-6.

(ribbean Hotel Association, Curacao, N.A./ √ne 4-8.

Tade Buyers' Exhibition, Leicester, U.K./ ขาe 10-11.

SCON (Western Electronic Show and (nvention), San Francisco, Calif./Aug. 19-22.

(nadian Mining Equipment Exhibit and sminar, Bucharest, Rumania/Sept. 3-5.

port Services Exhibition, London, England/ pt. 8-12.

ore Buyers' Market, Manchester, England/ pt. 16-17.

Sockholm Technical Fair, Stockholm, Sweden/

lernational Printing, Publishing and Paper Idustries Show and Congress (G.E.C. '69), Ilan, Italy/Oct. 4-12.

laterials Engineering Exposition and (ingress, Philadelphia, Pa./ Oct. 13-16.

ternational Building Exhibition, London, tgland/Nov, 12-26.

Abitibi Panel Products Ltd., Durham
Acme Ruler Co. Ltd., The, Toronto
Acmetrack Limited, Rexdale
Agincourt Foods Limited, Agincourt
Amerock Limited, Meaford
Archery Craft Company Ltd., Toronto

Companies taking part included:

Atlas Steels Company, Welland Aurora Plastics of Canada Ltd., Rexdale Auscan Industries Ltd., Rexdale

Baldrive Company, Preston
Bick's of Canada Limited, Scarborough
Black Diamond Cheese Limited, Belleville
Boyles Industries Limited, Orillia
Brown Boggs Foundry & Machine Co. Limited,
Hamilton
Bryston Manufacturing Limited, Rexdale
Burke and Wallace Limited, Rexdale
Burkhardt Jewellers Ltd., Toronto
Burtec Instrument Co., Toronto

C.C.M. A Division of Levy Industries Limited, Weston

Campbell Manufacturing Co. Limited, Willowdale Campbell Soup Company Ltd., Toronto

Canada Decalcomania Co. Ltd., Scarborough Canada Dry Limited, Downsview Canada Packers Limited, Toronto Canadian Art Creation, Toronto Canadian Canners Limited, Hamilton Canadian Coleman Company Limited, The, Toronto

Canadian General-Tower Limited, Galt Canadian Johns-Manville Co. Ltd., Port Credit Canadian Research Institute, Don Mills Canadian Velcro Limited, Bramalea Cardiovascular Specialties Ltd., Scarborough Ceeco Machinery Manufacturing Limited, Downsview

Chateau-Gai Wines Limited, Toronto Chemelco Corp. Ltd., Downsview Croven Limited, Whitby

D.L.M. Products, Mount Albert Daymond Company Limited, The, Chatham Diwalt Industries Limited, Toronto Dustbane Enterprises Limited, Ottawa

Electric Chain Company of Canada Ltd., Toronto Electrocraft of Canada Ltd., Kingston Electro Dynamics & Telecom Limited, Chatham Erie Technological Products of Canada, Limited, Trenton

Fantasy Copperware of Canada Ltd., Toronto Farm Automatic Feeding Limited, Gorrie

Ferranti-Packard Limited, Toronto Fisher & Gauge Works Limited, Peterborough Fluid Power Limited, Rexdale Foodcraft Laboratories Ltd., Toronto Fortin-Latchford Ltd., Richmond Hill

Gainsborough Kitchens Ltd., Toronto Garland Commercial Ranges Limited, Toronto General Mills Cereals Ltd., Toronto Glenafton Farms Ltd., Alliston Green Bros. Fur Manufacturing Ltd., Toronto Green Forest Lumber Ltd., Toronto Guildline Instruments Limited, Smiths Falls Gunther Mele Limited, Brantford

H. W. Handweaves, Toronto Harvey Woods Limited, Woodstock Hodgson Apiaries Ltd., Jarvis Hot Pack (Canada) Ltd., Waterloo Huntec Limited, Toronto

Ideal Fur Company, Toronto

Jacobs & Thompson Limited, Weston

Kelk, George Limited, Don Mills Klassen Bronze Ltd., New Hamburg Knape and Vogt of Canada Limited, Rexdale Krantex Limited and Co., Toronto

Lake Engineering Co. Ltd. Scarborough Leigh Metal Products Limited, London Linnenbank Leather Goods Ltd., Niagara Falls Lionite Abrasives Ltd., Niagara Falls Lipman Brothers Ltd., Toronto Lloyd-Truax Ltd., Wingham Lufkin Rule Co. of Canada, Ltd. The, Barrie

Maple Leaf Mills Limited, Toronto
Maple Leaf Plastics Limited, Scarborough
Metal Craft Co. Limited, The, Grimsby
McGuiness, L. J. & Co. Limited, Toronto
McKee Bros. Limited, Elmira
McLeod Hybrid Swine Ltd., Port Perry
Millbrook Industries Limited, Millbrook
Milmar Magnesium Equipment Co., Toronto

Nadex Industries Limited, Port Credit Nash & Harrison Ltd., Ottawa National Rubber Company Limited, Toronto

Omark Industries of Canada Ltd., Guelph Oneida Canada Ltd., Niagara Falls Ontario Tobacco Company Limited, Toronto Outboard Marine Corporation of Canada Ltd., Peterborough Owl Instrument Co. Ltd., Willowdale Pneuco Machinery Company, Toronto Porter, H. K. (Canada) Ltd., Acton Protective Plastics Limited, Don Mills

Ralston Purina of Canada Ltd., Woodstock Rig-Fab Steel Limited, Lindsay Roberts-Gordon Appliance Corporation Limited, Grimsby Rubinstein Helena, Limited, Toronto

Samsonite of Canada Ltd., Stratford Scintrex Limited, Downsview Sheaffer Pen Company, Goderich Sklar Manufacturing Ltd., Whitby Sneigrove, C. R. Co. Limited, Don Mills Spar Aerospace Products Ltd., Malton Star Chrome Manufacturing Ltd., Toronto Star Knitting Mills Ltd., Toronto Sunbeam Corporation (Canada) Ltd., Toronto Sutton Tool & Die Mfg. Co. Ltd., Brantford

Tonka Corporation Canada Ltd., Mississauga Top-Fine Clothing Co. Ltd., Toronto

Universal Sections Limited, Scarborough

Voyageur Emblems Ltd., Alliston Vulcan Equipment Company Ltd., Toronto

Wilson Charles, Limited, Don Mills Winliz Instrumentation Ltd., Brantford Wood, W. C., Co. Limited, The, Guelph

Yoder Equipment Canada Ltd., Georgetown

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W. H. Richardson

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Department of Trade and Development

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Department of Economics and Development

Minister: Hon. Stanley J. Randall

Deputy Minister: Stuart W. Clarkson

ONTARIANS NUMEROUS, PROSPEROUS, POWERFUL



Seventy-five years ago, an Ontario premier expressed the hope that Canada's entry into its second century would be celebrated by citizens "numerous, prosperous, powerful."

In 1966, Ontarians prepared for Canada's Centennial Year with the most sizeable, prolonged, and widely distributed prosperity in their history.

Ontarians numerous? Ontario already contains one third of Canada's population. Through immigration campaigns in 1966, 107,621 immigrants — more than 50 per cent of the immigrants to Canada — came to Ontario.

Ontarians prosperous, powerful? Besides producing over 52 per cent of Canada's manufactured goods, Ontarians account for some 40 per cent of the nation's income, retail sales, and housing starts.

In 1966, for the second year in a row, Ontario's industrial development program placed among the top three in North America as determined by the U.S. Society of Industrial Realtors.

The Ontario Industrial Review describes what went into Ontario's 1966 award-winning development program. It details Ontario's continuing trade crusade, which began in late 1962.

Since that time, 842 new plants and 468 new manufacturing arrangements were established in Ontario, and 2,522 significant plant expansions have taken place. At the end of 1966, 680 Ontario companies had taken part in 73 Ontario government sales missions abroad. Since 1962, these missions have brought back over \$126,000,000 in export orders and millions more in repeat sales.

In 1966, the Department of Economics and Development continued to exhibit Ontario-made products at international fairs throughout the world.

Also planned in 1966 was Ontario's "International Task Force." Its duties will include seeking development capital, finding new industries, and promoting technological advances through the association of joint industrial ventures and manufacturing arrangements at home and abroad. It will also explore untapped markets for the sale of Ontario products, follow up leads uncovered by Ontario manufacturers, and promote the use of Ontario engineering services for construction projects abroad.

In 1966, the department organized its economics branch to draw together, in a single focus, a centralized economics and statistical service.

Ontario's new regional development program, Design for Development, started early in 1966 and took significant first steps towards its objectives: to maintain an atmosphere conducive to overall economic growth and to develop the best possible environment for all Ontarians.

The Ontario Development Corporation, in mid-1966, became a Crown corporation authorized to make long-term capital loans to qualifying industries and businessess in slow growth areas of Ontario. Since 1962, ODC has helped create or has maintained 7,700 jobs, raised exports by \$21,000,000 and filled market demands for \$6,600,000 in goods previously imported.

Three years old in 1966, the \$100,000,000 Sheridan Park Research Community, supported by the Ontario government and industry, saw official openings of two new research plants. Nine buildings are built or under construction, and 1,300 scientists, engineers, and supporting personnel already work at Sheridan Park.

Ontario's \$8,500,000 pavilion, is among the biggest and brightest at Expo 67, the Canadian world fair. Our pavilion will give us an unprecedented chance to enhance Ontario's international image, make us distinguishable from our competitors, and ring up sales. It is estimated that Expo 67 means at least a total of \$250,000,000 in revenue for Ontario — \$75,000,000 in industry, \$150,000,000 in tourism, and \$25,000,000 in additional taxes.

Forecast for Centennial Year: Ontarians numerous . . . prosperous . . . powerful.

A. J. Rould

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DEPARTMENT DIRECTORY

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Trading floor of the Toronto Stock Exchange, which records the daily pulse beats of the Ontario, Canadian and U.S. economies. With daily volume approximating 5,300,000 shares, the exchange is the largest in North America after New York.

Trading exceeds \$3,000,000,000,000 annually.



THE ONTARIO ECONOMY IN 1966

Ontario continued to prosper in 1966, with the current economic upswing in its sixth year. This marks one of the longest periods of expansion in the 20th century.

However, 1966 was not without problems. At the beginning of the year the economy moved ahead at a rapid — and unsustainable — pace. This high growth rate, a carryover from the last half of 1965, created strains in capacity during the first quarter of 1966.

Price pressures developed, partly because of this, but largely due to tight supply situations associated with such isolated factors as a North American shortage of pork, a scarcity of copper, certain poor vegetable crops and a strike at a major meat-packing plant. A levelling-out period followed in the second quarter, and production reached a plateau.

There was a moderate upsurge in the fall, but the second half of the year was one of only slight increases in production. The year ended with a degree of uncertainty about the extent of slowing in the economy.

Despite these problems, 1966 produced new levels of prosperity. Canada's Index of Industrial Production was up 7.7 per cent from the previous year. Gross provincial product rose to \$22,800,000,000 from \$20,800,000,000 in 1965. Excluding the increase in prices, this still left a real rate of growth in GPP of about five per cent.

Key elements in this growth were the large increase in exports — particularly of automotive products — and the extension of the 1965 boom in business investment. The levelling-off after the first quarter affected residential construction in particular, and was also responsible for a softened consumer durables market, slumping steel production, and a third-quarter decumulation of business inventories, followed by a fourth-quarter accumulation. Yet for the year as a whole,



employment rose by four per cent. The rate of unemployment in 1966 remained at the same low 2.5 per cent rate set in 1965. And income rose to record high levels.

Population

Ontario's population increased by an estimated 183,000 in 1966, bringing the year-end total to approximately 7,045,000. Canada's population increased by 378,000, reaching an estimated 20,163,000 at the end of 1966. Ontario's increase of 2.7 per cent was almost double the 1.5 per cent growth in the rest of Canada.

A major factor in Ontario's population growth was immigration, both from other provinces in Canada and from other countries. During the year, 107,621 immigrants from other countries – 55.3 per cent of the total coming to Canada – named Ontario as their destination. Except for 1957, immigration was higher than in any other year in the past half century.

This large influx into Ontario indicates the varied opportunities available in the province. Having over one-third of Canada's population and within easy reach of North America's most densely populated areas, Ontario has long been the centre of much of Canada's industry and commerce.

Manufacturing

Ontario maintained its relative position to Canada in manufacturing in 1966, accounting for 52.3 per cent of all manufacturing shipments. The value of shipments rose to \$19,295,000,000 last year, up 8.6 per cent from 1965's level of \$17,769,000,000 (see chart).

The unusually strong growth pattern in durables weakened last year as the slump in construction and in the sales of automobiles and certain consumer durables made its impact felt in shipments. In recent years durables grew about twice as fast as non-durables. In 1966, the gap narrowed. Non-

durables, valued at an estimated \$8,390,000,000, were 7.7 per cent higher than in 1965, while durables, at an estimated \$10,905,000,000, had a growth rate of 9.3 per cent.

The particularly strong components of the non-durables industries in 1966 were the rubber, tobacco, paper, and chemicals industries.

Rubber products industries enjoyed a high demand for their products, including replacement tires. These industries have expanded production considerably in the past few years, growing 14.4 per cent last year and 66.8 per cent from 1961.

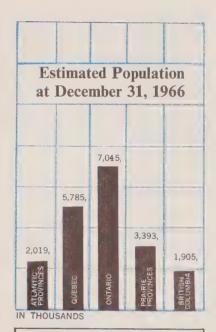
Tobacco industries, paper industries, and chemical industries all enjoyed approximately 10 per cent increases. Yet the five-year increase for tobacco products was relatively small at 23.9 per cent, while chemicals were up 50.1 per cent and paper 39 per cent.

Textiles and knitting mills suffered reverses last year and actually declined in value of shipments. Textiles dropped by over three per cent, knitting mills by just under two per cent. Even with this drop in textile shipments, however, 1966 was 40.2 per cent higher than 1961.

In the durables sector, the machinery, electrical products, metal fabricating, and non-metallic mineral products industries all enjoyed a good year, increasing 14.5 per cent, 11.4 per cent, 9.4 per cent, and 9.1 per cent respectively from 1965.

Transportation equipment, which in recent years had been the fastest growing component in the durables sector, was up only 8.6 per cent, down from the over 20 per cent increase of the previous year.

Shipments of automotive parts actually started off the year quite strongly, but were soon curtailed as a continent-wide sales slump set in. Fortunately, shipments were buoyed up by the exports made under the Canada-





ESTIMATED VALUE OF FACTORY SHIPMENTS IN MANUFACTURING, ONTARIO — 1961, 1965, 1966

Industrial Groups	1961 (\$ Million)	1965 (\$ Million)	1966 (\$ Million)	Percentag 1966/65 %	e Change 1966/61 %
Non-Durables					
Foods and Beverages	\$ 2,066	\$ 2,613	\$ 2,819	7.9	36.4
Tobacco and Products	142	160	176	10.0	23.9
Rubber Products	253	369	422	14.4	66.8
Leather Products	142	166	179	7.8	26.1
Textile Products	331	479	464	-3.1	40.2
Knitting Mills	90	104	102	-1.9	13.3
Clothing	197	242	254	5.0	28.9
Paper and Allied Products	788	995	1,095	10.1	39.0
Printing, Publishing and Allied Industries	464	526	563	7.0	21.3
Petroleum and Coal Products	386	450	472	4.9	22.3
Chemicals and Products	861	1,175	1,292	10.0	50.1
Miscellaneous Manufacturing	396	510	, 552	8.2	39.4
Total Non-Durables	\$ 6,116	\$ 7,789	\$ 8,390	7.7	37.2
Durables					
Wood Products	\$ 176	\$ 243	\$ 260	7.0	47.7
Furniture	173	234	255	9.0	47.4
Primary Metals	1,610	2,228	2,385	7.0	48.1
Metal Fabricating	876	1,298	1,420	9.4	62.7
Machinery	503	860	985	14.5	95.8
Transportation Equipment	1,405	3,240	3,520	8.6	150.5
Electrical Products	832	1,373	1,530	11.4	84.5
Non-Metallic Mineral Products	325	504	550	9.1	66.2
Total Durables	\$ 5,900	\$ 9,980	\$10,905	9.3	84.8
Total Ontario Manufacturing	\$12,016	\$17,769	\$19,295	8.6	60.6
Total Canadian Manufacturing	\$24,310	\$34,080	\$36,920	8.3	51.9
Ontario as a percentage of Canada	49.4	52.1	52.3		

United States Automotive Agreement. The extremely rapid growth in the first part of the year was largely responsible for the gains in machinery and electrical products shipments. Many such durables industries worked at peak capacity, easing off somewhat as the rate of growth began to level off. Unlike non-durables, all groups of durables industries enjoyed at least some increase in shipments.

Foreign Trade

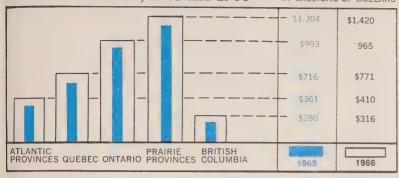
Rapid growth in foreign trade was one of the highlights of economic activity in 1966. Commodity exports increased from 1965's record of \$8,767,000,000 to \$10,326,000,000—an increase of 17.8 per cent. As in 1965, two of the major export items were wheat and automotive products.

Exports of wheat and wheat flour provide more income for farmers, who in turn purchase more agricultural machinery and other products made in Ontario. Bolstered by large sales to communist countries these exports rose by 31.8 per cent in 1966, rival-

ling the high levels of 1964. The automotive agreement between Canada and the U.S. was largely responsible for automotive products exports climbing to 21/2 times their 1965 level. Commodity imports were estimated at \$9,860,000,000 - 14.3 per cent higher than in 1965. Some of the greatest increases took place in the transportation equipment category, particularly in automotive products. Despite the fact that both imports and exports of similar products grew by roughly the same absolute amount, the percentage growth in imports fell behind the increase in automotive exports. As a result the import balance on motor vehicles and parts trade de-

Due to more rapid growth in total exports than in total imports, Canada's export balance rose to \$402,800,000 in 1966, up from \$133,200,000 in 1965.

Trade with the United States once again dominated trade with all individual countries. During the year there was some improvement in Canada's trade balance with the U.S. as



exports increased 23.7 per cent and imports 18 per cent. Exports of approximately \$6,230,000,000 and imports of approximately \$7,130,000,000 produced a trade deficit with the U.S. of \$906,300,000, down from \$1,012,300,000 the year before. The improving motor vehicle trade balance was an important factor, but good gains were also recorded in exports of forest products and raw and processed metals and minerals.

In trade with the United Kingdom, Canada's export balance deteriorated, due to adverse conditions in the British economy. Exports were down 4.6 per cent to approximately \$1,130,000,000, while imports rose 4.2 per cent to \$645,000,000. The 1966 export balance of \$485,700,000 was below 1965's \$566,200,000.

Mineral Production

Ontario's mineral production in 1966 fell 2.8 per cent from the previous year's record level of \$992,800,000. According to the Dominion Bureau of Statistics production during 1966 amounted to \$964,500,000. The trend in Ontario's leading metals was generally downward, with copper the only major metal to increase its value. Because the six main metals constitute about three-quarters of the province's total mineral production, changes in their production affect the whole mineral picture. Production of all metals in Ontario dropped from \$776,000,000 to \$747,000,000 — a decline of 3.7 per cent.

Nickel — Ontario's leading metal — was hard hit by the Inco strike at Sudbury. Production dropped more than \$25,000,000 from the \$316,000,000 recorded in 1965. The \$27,000,000 increase in the value of copper production was due entirely to rising prices. In percentage terms, Ontario's copper production of \$188,000,000 was up 16.3 per cent.

Production of iron ore, the next ranking metal, declined to a level of

\$83,000,000 in 1966, down 12 per cent. The aggregate capacity of Ontario's iron mining industry to produce iron pellets was around 4,000,000 tons a year (new plants being constructed should double this capacity by 1968).

The gold mining industry continued to decline in 1966. Production dropped by 1,000,000 ounces from the 1960 level of 2,700,000 ounces.

Uranium was another metal whose production declined, but this should soon pick up and surpass all former levels. Ontario Hydro recently awarded a contract to Rio Algom Mines Ltd. and Eldorado Mining and Refining Ltd. for about 6,500 tons of "3°8. And the United Kingdom Atomic Energy Authority has asked Rio Algom for 8,000 tons of uranium oxide — worth more than \$1,000,000.

Platinum metal production declined 16 per cent to a level of about 386,000 ounces in 1966. Higher prices compensated only slightly, as the value of production declined 13 per cent.

During 1966 non-metallic mineral production dropped 4.3 per cent to \$22,600,000. An 18.7 per cent gain in natural gas brought production up to a value of \$5,800,000. Crude petroleum advanced 4.1 per cent to a value of \$4,300,000.

Structural materials increased only fractionally in 1966, with moderate increases in the value of clay products and cement production balancing declines in the production of lime, stone, and sand and gravel.

Agriculture

Crop conditions in Ontario ranged from good to excellent, with one of the greatest increases in production in the flue-cured tobacco crop. This crop of 205,000,000 pounds was 33 per cent larger than 1965's record crop.

In spite of a July drought which damaged pastures and spring grains, the value of field crop production (including tobacco and sugar beets) rose almost nine per cent to \$602,000,000 — an increase of \$49,000,000. Drought seriously affected crops in certain areas, particularly in parts of the Niagara region and in eastern and Northwestern Ontario.

Total production of the four principal feed grains — oats, barley, mixed grains and shelled corn — declined

This Ontario Ayrshire bull calf is in good hands for the flight to Ayr, Scotland, home of the famed Ayrshire breed.

Close liaison between the Departments of Economics and Development, and Agriculture and Food, further increased the province's exports of agricultural products in 1966.



ATLANTIC		
PROVINCES	\$937	\$1,169
QUEBEC	\$3,206	\$3,490
ONTARIO	\$4,379	\$5,115
PRAIRIE	\$2,630	\$3,099
BRITISH		***************************************
COLUMBIA	\$1,713	\$2,023
CANADA	\$12,865	\$14,897
	PROVINCES QUEBEC ONTARIO PRAIRIE PROVINCES BRITISH COLUMBIA	PROVINCES QUEBEC \$3,206 ONTARIO \$4,379 PRAIRIE PROVINCES \$2,630 BRITISH COLUMBIA \$1,713

9.6 per cent to 184,600,000 bushels. Forage crops on the other hand rose 21.5 per cent. The combined production of fodder corn and all hay rose from 9,600,000 tons to 11,600,000

Nev

The quality of cattle ranged from average to above average. The price of good steers at Toronto averaged about \$25.90 per hundredweight, eight per cent higher than the previous year. Hog prices generally declined after reaching peak levels at the beginning of the year, and supplies of slaughtered cattle and hogs increased.

Forest-based Industries

Increases in volume and value of production marked the activities of the forest-based industries. The wood cut increased 10 per cent compared with 1965, the volume of pulp produced rose an estimated eight per cent; while paper and paperboard production exceeded 1965 output by 10 per cent. Rising prices for most types of paper and newsprint mean that the rise in the value of production was probably even higher. Newsprint prices rose \$10 a ton, but some producers later cut the increase to \$5 a ton. Lumber and building material prices went up by 10 per cent.

In the newsprint industry installed capacity passed the 2,000,000-ton mark as several mills put new equipment into operation, and many renovated existing machinery. Output of newsprint climbed to 8,400,000 tons, up 9.1 per cent from 1965 - and partly due to the adoption of the seven-day work week. The total value of shipments of Ontario's pulp and paper industry may well have reached the \$650,000,000 mark. It is estimated that Ontario's sawmills also increased their output by 10 per cent.

New Capital Investment

Despite the easing in economic expansion which took place in mid-1966, capital investment for the year climbed to approximately \$5,115,000-000, about 16.8 per cent higher than the \$4,379,000,000 recorded in 1965. Of this, investment in construction represented \$3,073,000,000, up 21.3 per cent; while investment in machinery and equipment rose 10.6 per cent to \$2,042,000,000.

Although Ontario's mineral production fell 2.8 per cent in 1966, capital investment in mining was at a high level. In the ferrous metals group, Steep Rock Iron Mines and Algoma Steel Corp. Ltd. were building a pelletizing plant at Steep Rock Lake with an annual capacity of 1,350,000 tons. This was financed by a U.S. \$31,000,000 bond issue privately placed with institutional investors. Dominion Foundries and Steel Ltd. spent \$40,000,000 on construction on the Sherman iron ore mine and on a pelletizing plant.

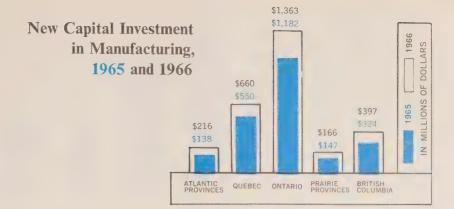
In non-ferrous metals the International Nickel Co. of Canada led the way with capital expenditures of about \$90,000,000 last year (compared to \$63,000,000 in 1965). Falconbridge Nickel Mines Ltd. spent more than \$9,000,000, and expected to complete its \$40,000,000 three-year expansion program by the end of 1967. A \$63,000,000 major zinc-copper-silver mine being constructed by Texas Gulf Sulphur neared completion at the end of 1966. And Kidd Copper Mines prepared to bring its leased nickel-copper property into production at a milling rate of 1,250 tons a year.

In primary iron and steel a major expansion program was started by Algoma Steel Corp. Ltd. This company spent \$50,000,000 in 1966 and plans to spend a total of \$175,000,000 in the next three or four years.

The effects of the automotive free trade agreement were carried over from 1965 to 1966. Several plant expansions were undertaken by the major automobile companies and by makers of automotive parts.

Ford Motor Co. of Canada's \$135,-000,000 expansion program was the largest in the industry. Construction





started on a \$65,000,000 assembly plant at Talbotville, and in Windsor \$50,000,000 was spent on modernizing, re-tooling, and re-designing the engine plant and foundry. Chrysler Canada Ltd. spent \$10,000,000 in Windsor in expanding its passenger car plant, and \$2,600,000 in Ajax to double the capacity of its automotive trim plant. Other expansions included General Motors of Canada Ltd., Oshawa, \$2,500,000; McKinnon Industries Ltd., St. Catharines, \$5,000,-000; and American Motors (Canada) Ltd., \$3,500,000 at its Brampton headquarters and elsewhere.

Small expansion programs were carried out by many industries producing automotive parts in Ontario. Two plants to produce auto frames — Budd Automotive Co., Kitchener, and Hayes Steel Products Ltd., Thorold, were under construction. Goodyear Tire and Rubber Co. of Canada Ltd. spent \$8,000,000 on plants at Owen Sound. Collingwood, Bowmanville, and Chatham. Other investments in Ontario include \$4,000,000 for a plant at Chatham to produce springs for trucks and cars; \$1,000,000 for a truck assembly plant at Oakville; and \$3,600,000 for a Burlington plant to manufacture air and vacuum brake systems.

The major pulp and paper producers maintained a high level of investment in 1966. Abitibi Paper Co. Ltd. had planned expenditures of \$25,000,000, Spruce Falls Power and Paper Co. Ltd. was installing a fifth \$20,000,000 newsprint machine with a net annual addition to capacity of 50,000 tons, and Facelle Co. Ltd., a subsidiary of Canadian International Paper Co. Ltd., was carrying out a \$10,000,000 expansion program in Weston (Toronto). K.V.P. Sutherland Paper Co. Ltd. doubled the capacity of its bleached sulphate paper mill at a cost of \$17,600,000, and Ontario Paper Co. Ltd., Thorold, planned to spend \$10,-000,000 over the next few years to modernize its newsprint mill.

In the chemical industry, Du Pont of Canada Ltd. and Polymer Corp. Ltd. planned expenditures of \$25,000,000 each for 1966. Du Pont was building a \$3,000,000 technical research centre in Kingston, while Canadian Industries Ltd's \$50,000,000 ammonia-fertilizer plant near Sarnia neared completion. The new 1,000-tons-per-day ammonia plant, based on natural gas from the trans-Canada pipeline, will be the largest in Canada.

Chemcell Ltd. planned to spend \$9,-000,000 to increase its productive capacity for synthetic fibres, and \$6,000,000 on a plant at Cornwall to produce methanol. Cyanamid of Canada Ltd. completed a \$17,000,000 nitrogen fertilizer complex at Niagara Falls and Allied Chemical Canada Ltd. completed a \$9,000,000 expansion of its soda ash and calcium chloride plant at Amherstburg. Dow Chemical of Canada Ltd., also modernizing and expanding its plants, began a \$6,000,-000 expansion to facilities at Sarnia. There were no signs of let-up in oil refining expansions, Imperial Oil Ltd. launched a \$25,000,000 expansion program in Sarnia, while in the same area a \$5,000,000 improvement and expansion program was begun by Sun Oil Co. Ltd. Shell Canada Ltd. is building a \$3,500,000 research and development centre in Oakville.

Capital investment in the cement industry was also at a high level last year. The St. Lawrence Cement Co. undertook to double the productive capacity of its Clarkson plant, at an estimated cost of \$15,000,000, while Canada Cement Co. Ltd. at Woodstock, spent \$10,000,000 in 1966 as part of a \$20,000,000 expansion program. Near Oshawa construction began on a new \$22,000,000 cement plant to be completed in 1968.

In 1966 capital expenditures on new power installations in Ontario approached \$192,000,000. Major power projects included the placing in service of Thunder Bay thermal-electric station, Fort William; the fifth unit at Lakeview, near Toronto, which raised the capacity of this coal-burning plant to 1,500,000 kilowatts; and the extra high voltage transmission line linking James Bay watershed hydro-electric stations with Southern Ontario.

Construction of Pickering nuclearelectric station, which will produce more than 1,000,000 kilowatts by 1971, continued on schedule. Also under construction was the 2,000,000 kilowatt Lambton coal-fired plant near Sarnia.

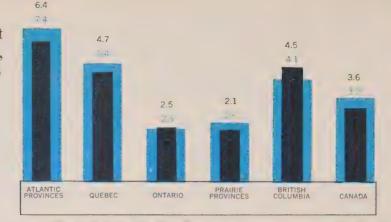
Heavy capital expenditures were undertaken last year in natural gas distribution. Consumers' Gas Co. planned to extend gas service to 10 communities as part of a \$26,000,000 program, while Northern and Central Gas Co. planned pipelines and distribution lines to Northern Ontario at a cost of \$19,200,000.

In Southwestern Ontario, Union Gas Co. planned a \$14,500,000 capital expenditure, including a pipeline to link Owen Sound and other communities to the main gas transmission network at Durham.

The intense demands made upon the construction industry in 1965 eased during 1966, with credit tightness dampening residential construction. Dwelling unit starts in urban areas declined to 45,359 from 59,829 in 1965. In several areas the lack of National Housing Act mortgage funds slowed housing construction. At the same time, fiscal measures introduced by the government to reduce the level of capital investment produced a cutback in business, industrial and institutional construction. The federal government reduced spending on construction in the national capital by \$13,000,000.

As a result, total construction contract awards in Ontario, after advancing strongly at the beginning of 1966, began to ease off. The over-all increase for the year was \$81,000,000, bring-

Regional Unemployment Rates in Canada, 1965 and 1966



ing the total to \$2,230,000,000. Higher business, industrial and institutional awards more than offset the declines in housing and engineering contract awards. Non-residential awards rose to \$1,570,000,000, up \$155,000,000. The St. Lawrence Seaway Authority spent \$30,000,000 in 1966 on the Welland Canal locks. In Ottawa, construction started on the \$31,800,000 National Centre for the Performing Arts, a \$30,000,000 shopping plaza, and a \$15,000,000 commercial complex. Construction of university buildings at Waterloo and Guelph totalled \$7,800,000 and \$10,600,000. In the Toronto area, numerous apartment complexes were under way, and work started on a \$21,700,000 Centennial centre in Don Mills.

Employment

With the Ontario economy operating close to capacity, the employment situation was again quite favorable. In fact, various industries were in search of qualified personnel to fill waiting positions. Unemployment remained at a low rate of 2.5 per cent of the labor force, the lowest level of the past 10 years.

The fact that unemployment remained so low despite a four per cent increase in the labor force indicates the strength of the economy. Total labor force in 1966 was 2,719,000. During the year employment rose by 102,000, bringing the total for Ontario to 2,650,000. In Canada as a whole, the labor force rose 3.9 per cent in 1966 to 7,419,000, and the unemployment rate dropped from 3.9 per cent in 1965 to 3.6 per cent in 1966.

Income

Accompanying the record expansion were record income levels in 1966. Total wages and salaries in Ontario rose from \$10,406,000,000 in 1965 to \$11,634,000,000, a gain of close to 12 per cent. A significant part of





this increase can be attributed to the large number of relatively high wage settlements made throughout the year. Many such settlements were high because of significant increases in the consumer price index and because of labor's relatively strong bargaining position under relatively tight labor market conditions.

Personal income in Ontario rose from \$15,500,000,000 to an estimated \$17,000,000,000, while per capita income climbed from \$2,296 to an estimated \$2,465.

Sales

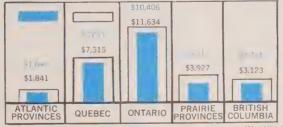
Despite a sagging market for automobiles — typical of almost all of North America — Ontario's retail sales climbed 6.4 per cent from \$8,020,000,000 in 1966. This percentage growth was the same as throughout the rest of Canada. Increases in sales were greatest in variety stores (14 per cent), furniture, appliance and radio stores (10.6 per cent) and hardware stores (10.4 per cent).

Motor vehicle sales, which in recent years have been accounting for about 16 cents out of every consumer dollar, increased by less than one per cent. Motor vehicle sales grew less than the sales of any other type of retail outlet, slumping in the second and fourth quarters of the year after starting the year very strongly.

Nevertheless there were relatively good gains in most other retail sales, compensating for this weakness. Aside from jewellery and men's clothing, which grew just more than four per cent, all categories increased at least five per cent.

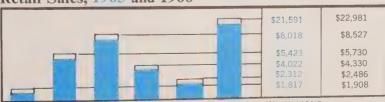
In wholesale trade the gain for the year was approximately the same as for retail trade, rising between six and seven per cent. Strong advances were made in most trades, but especially in household electrical appliances, electrical supplies and construction materials, and meat and dairy products. The only notable decline was in coal and coke sales.

Wages and Salaries in Canada, 1965 and 1966



IN MILLIONS

Retail Sales, 1965 and 1966



ATLANTIC QUEBEC ONTARIO PRAIRIE BRITISH CANADA IN MILLIONS PROVINCES

A LOOK AHEAD

Economists are once again faced with the usual number of uncertainties relating to the economy as they look into the future. It now remains to carefully observe the trends in the economy, to see in which direction the pressures go. It does appear that price pressures have eased, and the prospect is that 1967's increase will not come close to matching that of 1966.

On the other hand the problem of maintaining adequate growth remains a prime consideration. Proper fiscal and monetary policies can do much to assist, but there are certain key elements which may be beyond the control of government.

Exports, for one, may find it difficult to move much higher than the very high levels set in 1966. To the extent that much of the demand for our products depends upon conditions in the United States, it may be that exports will be restrained.

If United States durables manufacturing is not buoyant then it will be felt in our exports. At present the value of automotive exports to the United States is uncertain. Barring major changes, agricultural exports too cannot be expected to match the rapid increase of 1966.

Otherwise, capital investment by business, an increase in the labor force and growth in residential construction will be three important factors in the economy of 1967.

It is unlikely that the rate of growth of Ontario's business investment will match the very rapid growth of 1966, though it should increase moderately. This de-celeration in investment will result in a lower over-all rate of growth in 1967.

In spite of these factors, prospects for 1967 remain good. Despite the weakness in housing and automobiles, the economy appears to be relatively close to capacity. In addition it is basically sound, and capable of responding to



measures designed to alleviate the existing problems.

A growing labor force — expected to increase by about 3.5 per cent — will provide a potential source of strength. And the residential construction situation should show marked improvement as it is given high priority, and money and credit conditions are being eased. In addition, the measures to be

undertaken by the different levels of government to ease the housing shortage (including Ontario's HOME program — "Home Ownership Made Easy") should add significantly to the forward thrust in residential construction

Aside from the capital investment plans mentioned earlier, there are several major projects to be undertaken. Heavy capital investment is planned in the mining industry, for instance.

One of the major investors will be the Steel Company of Canada, which has acquired a lease on low-grade iron ore property in the Bruce Lake area owned by Iron Bay Mines. Cost of the mine, including a pellet plant, is estimated at \$60,000,000. Stelco also plans to spend \$15,800,000 in Hamilton to

increase its capacity in galvanized sheets by 50 per cent. Anaconda Iron Ore (Ontario) Ltd. plans to produce 2,000,000 to 3,000,000 tons of pellets in 1967, at an estimated cost of \$100,000,000.

Smaller investments will be made

by Great West Mining and Smelting Corp. Ltd. (\$15,000,000 for its iron ore mining project) and New Mylamaque Mining and Smelting Ltd. (a \$16,000,000 project to produce iron

ore pellets).
The St. Lawrence Seaway Authority will begin construction in 1967 of an 8.5 mile channel to bypass the city of Welland. The estimated cost is \$110,000,000.

Ontario Hydro again plans heavy expenditures in 1967. The total of

\$216,000,000 is up about 12 per cent over 1966. About 1,000,000 kilowatts of generating capacity, the largest annual increase in Hydro's history, are to be placed in service — sufficient to provide enough electricity to supply

700,000 homes. Government spending will increase by \$361,000,000 in the fiscal year 1967-68. Expenditures on education and training programs will rise by 35 per cent; expenditures on health will rise by 32 per cent; and the budget of the Ontario Housing Corporation will be expanded by almost 63 per cent. With all these points taken into consideration, it has been forecast that the gross provincial product should increase by about seven per cent in current dollars, and about four per cent in real terms. This is below the level of the past few years. However, if the North American economy reaccelerates - as it is expected to -Ontario will be able to move toward the optimum, sustainable rate of economic growth.



Construction of Canada's first commercial nuclear-electric station was completed in 1966, and its reactor went into operation.

The 200,000-kilowatt Douglas Point station on the shores of Lake Hugon parth.

station, on the shores of Lake Huron, north of Kincardine, was built at a cost of \$8,500,000 by Atomic Energy of Canada Ltd., in co-operation with Ontario Hydro.

TRADE AND INDUSTRY

Official which door knocking is still the best formula for winning new sales for Ontario products, and promoting the province's manufacturing and investment opportunities.



- Marketing
- Manufacturing Arrangements
- · Plant Location
- Joint Ventures
- · Municipal Data
- Exhibitions
- · Research
- · Trade Offices Abroad

Marketing

Twenty-two provincial government sales missions helped introduce 191 Ontario companies to world markets in 1966, and salesmen subsequently wrote new orders estimated at \$15,-000,000. The missions ranged the globe, and broke new ground by visiting Eastern Europe and the Soviet Union.

At the end of 1966, 680 Ontario companies had taken part in 73 government-organized sales missions since late 1962.

Marketing staff participated in nine business opportunity missions to various U.S. cities, and interviewed hundreds of American businessmen seeking Canadian products. These inquiries were followed up either directly or through marketing bulletins and have resulted in many new contacts between Ontario manufacturers and American sales agencies.

International fairs are playing an increasingly important role in promoting Ontario goods abroad. During 1966, the Marketing Section assisted Ontario companies participate in fairs in Britain, Germany, Italy, Switzerland, and the U.S.

While the emphasis is on manufactured products, food products are increasingly becoming a major export item. The Ontario Food Council of the Department of Agriculture and Food maintains a direct liaison with the Marketing Section. At least one food producer is included on each sales mission, with the result that Ontario food products are appearing on the shelves of food markets around the world.

Supplementing the export drive is a program of sponsoring incoming buyers seeking Ontario-made goods. Highlight of this program was the "Eedee" fashions for export promotion, when 76 buyers from 14 coun-



tries viewed the creations of 64 Ontario exhibitors and bought over \$415,000 worth of Ontario-made garments.

Other incoming missions included 81 buyers from 14 countries and a further 27 group representatives from 11 countries. A new program of participating in local trade and industrial fairs was inaugurated during the year. The Marketing Section sponsored incoming buyers to the National Hardware Show, the National Home Show, the Grocery and Supermarket Show, the Canadian National Packaging Show, and the Construction and Public Works Show.

In all, 68 buyers from 12 countries visited these fairs under department sponsorship. Sales to incoming buyers at these fairs are conservatively estimated at over \$3,000,000.

Engineering services abroad is a program to help sell Ontario's engineering skills overseas.

In 1966, the advisory committee approved applications on two major projects. If successful, the value of these two contracts will amount to between \$8,000,000 and \$10,000,000. And as the engineering specifications would be written by Canadians, Canadian manufacturers could benefit greatly through sales of material and equipment.

To further stimulate exports, the Marketing Section conducted export forums for businessmen and manufacturers at North Bay, Fort William, and Hamilton. As well as undertaking some 54 speaking engagements, staff members visited hundreds of Ontario factories for consultation service, and also met manufacturers who visited the department's offices.

Two major publications were produced during the year to aid Ontario manufacturers. The first of these, a 230-page Directory of Products for Export, lists Ontario manufactured products by standard industrial classification with a cross reference giving the name and address of the manufacturer.

The second publication, the Directory of Buying Agencies in the United States, lists thousands of recognized American buying agencies. This book too, is thoroughly indexed.

A number of other minor publications were reprinted, and the popular Exporter's Almanac is being revised. As a further aid to manufacturers seeking new sales outlets for their products, the Marketing Section published nine marketing bulletins and 11 special bulletins, listing over 1,000 potential sales contacts. These were distributed to more than 7,000 Ontario companies, paving the way for greater export opportunities.

Manufacturing Arrangements

Licensing agreements between Ontario manufacturers seeking new lines, and outside companies wishing to have their products made in Canada, continued in 1966 to be an effective means of increasing sales, profits and employment.

Acting as "broker" between prospective partners, the Manufacturing Arrangements Section brought more than 350 licensing opportunities to the attention of Ontario companies by means of manufacturing opportunities bulletins. These opportunities resulted from the continuing efforts of the department's five trade offices in Europe and the U.S. Eight business opportunity missions to the U.S. during the year also brought new licensing opportunities to light.

Ontario companies completed at least 123 licensing arrangements in 1966, compared with 114 in 1965.

Manufacturing licences were obtained by a number of Ontario companies in 1966 for products developed for the federal Canadian Design '67 program. Manufacturing Arrangements Section has actively promoted this program, aimed at stimulating excellence in Canadian design.

The Ontario Committee for Industrial Diversification, now in its second year, continues to assist Ontario companies in their diversification programs. It draws on the experiences of a number of business executives and senior officials from the Trade and Industry Branch.

Engineers and purchasing agents of Canadian companies are assisted in locating Ontario-made products through the use of the Ontario Product Index.

The Manufacturing Arrangements Section has assisted major companies outside the province to locate large-volume Canadian sources of supply. Similar assistance is given companies planning to locate manufacturing operations in Ontario.





Plant Location

All sections of manufacturing industry, and many municipalities, continued to share in the expansion of Ontario's industrial base during 1966. New plants and expansions broaden a community's economic health by providing jobs and essential tax revenues.

The Trade and Industry Branch continues to offer services to foreign and domestic companies interested in establishing a plant in Ontario. On behalf of clients, trained industrial development officers undertake detailed studies to determine such factors as the proximity of markets, labor supply, availability of suitable land, zoning regulations, air, rail and highway transportation and rates, availability of raw materials, and municipal and local tax structures. Other factors studied include public utilities, financing, housing and recreational facilities.

These and other considerations determine the appropriateness and economics of industrial development and plant location. In carrying out its studies, the branch works closely with regional economic councils, industrial

commissioners, chartered banks, railways, real estate companies and other agencies.

In 1966, 179 new manufacturing establishments located in Ontario, representing a \$357,500,000 investment in land, buildings and equipment. New jobs resulted for 10,265 persons. Newly acquired property totalled 3,277 acres and manufacturing space amounted to 7,893,000 square feet. These statistics are the result of personal contact with the new establishments and are based on preliminary estimated values of property purchases, construction costs and new equipment installation.

To be included in this review, the new Ontario company must either employ 10 persons, occupy 5,000 square feet of manufacturing or assembly space, or have annual sales exceeding \$100,000.

The automotive industry continues to expand in Ontario, while other industries making a significant contribution include iron and steel, chemicals, electronics, textiles, and glass manufacturing.





Joint Ventures

The Joint Venture program extends the activities of the Plant Location Section. Industrial prospects who conclude that a new manufacturing facility is not feasible, will very often consider establishing a joint venture with an Ontario manufacturer.

Generally, the Ontario company provides the plant, organization, manufacturing and sales facilities, while the other company provides the product, technical know-how, and sometimes special machinery.

Nine companies classified as jointly owned through mutual participation of equity and/or patented product contribution were formed in Ontario during 1966.

Ten Joint Venture Bulletins covering 71 products were published by the Trade and Industry Branch in 1966. The bulletins were distributed to more than 2,000 Ontario companies which have indicated an interest in product diversification. A total of 712 inquiries were received and processed to the 71 foreign companies interested in establishing joint ventures.

At the request of the foreign joint venture prospects, 12 additional products were offered to Ontario companies on a direct, confidential negotiation basis.







Municipal Data

The Municipal Data Section advises industrial development officers in the Plant Location Section, and other agencies such as banks, trust companies, railways, and estate brokers of the industrial services and facilities in particular communities. The section also keeps municipalities fully abreast of new techniques in industrial development, and of the needs of industry.

Regular activities of the section include meeting municipal councils and business or industrial groups to discuss such topics as development programs, legislation influencing development, government programs relating to industrial expansion, land use planning, pollution control, and labor training programs. More than 100 municipalities were visited to discuss these and other topics in 1966, and a further 40 communities were assisted through discussions with their representatives.

A two-day industrial development seminar for industrial commissioners, municipal officials and industrial development officers of the chartered banks, railways, utilities, regional development councils and various government agencies was attended by 100 delegates. Topics included land use requirements for industry, community promotion, case studies dealing with plant location, and information needed by industry in making location studies.

Four industrial development conferences during 1966 were attended by municipal councils, planning boards, industrial committees, chambers of commerce, and regional representatives. These conferences are designed to develop the key industrial potentials of the area involved. Other government departments and agencies taking part in the conferences are giving full assistance in devising these broad area development programs.

The Municipal Data Section maintains an information service to assist the branch's Plant Location Section and other industrial development agencies to carry out industry location studies. Extensive records maintained of more than 300 communities include municipal industrial surveys covering such items as labor rates, utility services, local tax structure, educational, medical and housing facilities, existing industries, and manufactured products.

The section also keeps an up-to-date inventory of industrial buildings and sites suitable for manufacturing. New listings are immediately distributed to the local industrial commission, regional development councils, and other development agencies. During 1966 some 2,400 copies of industrial surveys and brochures were used by the branch's Plant Location Section and other development agencies.

To ensure continuity in obtaining community information for industrial prospects, the Municipal Data Section prepares and issues a Directory of Industrial Development Contacts which lists personnel of the Trade and Industry Branch, regional development councils, banks, railways, and utilities, and the municipalities of Ontario.

The section is also taking part in development programs sponsored by federal authorities. These include a series of industrial development seminars held in 'designated areas' of the province by the area development agency of the federal Department of Industry; co-operating with the Indian Affairs Branch to assist in the possible development of Indian communities of Southern Ontario; and assisting the Department of Industry to develop an industrial training course which can be used by municipalities across Canada.





Exhibitions

Cash sales amounting to \$1,252,650 were made by 58 Ontario companies taking part in the department-sponsored exhibits of Ontario products at five international trade fairs during 1966. Additional orders were estimated at \$4,308,000 for the first 12 months.

Toys, hardware, furniture, heating, ventillating and building equipment were among the products exhibited at the fairs, which took place in the United Kingdom, Europe and the U.S. Many companies appointed agents or wholesalers as a result of contacts made at these fairs.

In addition to the trade fairs, information booths were arranged for the International Samples Fair, Milan, Italy; the Hannover Fair, Germany; the Parma Food Processing and Packaging Show, Italy; and the International Furniture and Woodworking Supply Fair, Louisville, Kentucky. The section also co-operated with Ontario House, London, in an Ontario-made timber house display at Cumbernauld, Scotland.

The range and quality of Ontario products and the impact on the economy of shopping Canadian were highlights of the department's display at the Canadian National Exhibition last year. Included in the exhibit, which was co-ordinated by the Exhibition Section, were displays relating to the services to businessmen of the Trade and Industry Branch, the Ontario Development Corporation, the Ontario Research Foundation, the Ontario Economic Council, and the Regional Development Branch.

Businessmen, economists and the general public requested nearly 6,000 copies of publications displayed in the Trade and Industry Branch exhibit. More than 15,000 visitors to the CNE attended screenings of the department's film, Big Deal, which emphasizes the Shop Canadian theme.



Another major project in 1966 was the second Ontario Fashion Design Award Competition, co-ordinated by the section to encourage Ontario manufacturers to design and produce distinctive women's and children's clothing. Close to 100 creations by 85 manufacturers were featured at a showing in Toronto where "Eedee" awards were presented to winners selected by an independent jury.

Seventy-five garment buyers from 14 countries attended the show, met with manufacturers, and visited their facilities. As a result, manufacturers reported cash sales totalling \$415,000 and potential sales of \$1,000,000 during the first 12 months. Ontario fashions were also displayed in Florida in conjunction with the inaugural flight to Miami of a new Air Canada service.

Through the newly formed Ontario Fashion Institute, the garment industry itself is assuming responsibility for future fashion promotion programs. The department will continue to donate the "Eedee" awards and assist the OFI buyer program.

At a meeting called by the department in June, representatives of the Ontario home furniture industry took the initial steps towards establishing a promotion program similar to that of the fashion manufacturers. "Eedee" awards will be given to winners of a home furnishing design competition in 1968.

Twelve Shop Canadian programs were held in centres across Ontario during the year to help stimulate consumer interest in Canadian products through retail outlets. Local businesses and business organizations in Guelph, Hamilton, Kirkland Lake, New Liskeard, Stratford, Geraldton, Belleville, Kingston, Bay-Bloor-Yonge (Toronto), North Bay, Barrie, and Brockville co-operated in the projects. Complementing these promotions

were one-day regional conferences for women. Open discussion forums on a variety of subjects, a luncheon, and an Ontario fashion show are features of these conferences which are designed to stimulate the interest of women in the economy and in buying Canadian products when quality and price are competitive.

Other activities by the Exhibition Section in 1966 included taking part in co-ordinating an on-site economic tour of Northern Ontario for businessmen and investors, and a Canada Week promotion in Cortina, Italy. Information exhibits were designed for the Trade and Industry Branch for use at the Canadian Chemical and Equipment Exhibition, Toronto, and for the Women's Advisory Committee for use at the Women's Fabric Fair, Windsor. A display was also installed at Toronto International Airport to acquaint businessmen with the services of the Trade and Industry Branch.

Ontario fashion show in Miami, Fla., and a display of Ontario household and hardware goods at a fair in Cologne, Germany, were among promotional activities organized by the Exhibition Section in 1966. Information exhibits were also held at trade shows and conferences within the province.



Yorkdale Shopping Centre, on the northern outskirts of Toronto, is said to be the largest enclosed retail complex in the world.

Marketing studies, plus an analysis of the impact of the automotive free trade agreement on the economy, were among projects undertaken by the Research Section in 1966.

Research

Ontario's stepped-up trade drive resulted in increased supporting activities by the Research Section last year. As well as undertaking market studies for outside companies interested in establishing new manufacturing facilities in Ontario, and for existing manufacturers interested in further expansion and diversification, the section supplied a full-time service to the department's Marketing Section.

Regular reports are compiled on overseas countries visited by missions from the Marketing Section. The Research Section processed 400 market studies and 20 foreign country reports during the year.

Economists of the section are closely studying the various ramifications of the automotive free trade agreement on the Ontario economy. Approximately 96 per cent of Canadian motor vehicle production is centred in the province.

As part of its service, the section again produced three booklets titled Statistics for Profit, which are designed to encourage further manufacturing expansion. The series provides detailed information on imports in Britain and the U.S. Manufacturers find these statistics a worthwhile base for further investigation into extending product lines.

The section maintains constant liaison with the Dominion Bureau of Statistics, the federal Departments of Industry, and Manpower and Immigration, as well as with other industrial specialists.





Trade Offices Abroad

The department's trade offices in Chicago, New York, London, Dusseldorf, and Milan continued their efforts in 1966 to promote external sales of Ontario goods and to attract new industry to the province.

Staff officers in New York and Chicago stepped up their continuing visits to trade and industrial prospects. Augmenting these activities were business opportunity missions and Ontario economic workshops.

Business opportunity missions, where a staff team of five officers visits a specific area after advanced publicity, were conducted in eight cities, including Atlanta, Ga., Tulsa, Okla., New Orleans, La., and Los Angeles. Several hundred businessmen were interviewed and the results proved most encouraging.

The economic workshop is another effective method of promoting Ontario in the U.S. At these one-day seminars, the importance of the province as an industrial and trading centre is pointed out to businessmen. Successful workshops were held last year in such cities as Hartford, Conn., Akron, Ohio, and Providence, R.I.

In addition, the sale of Ontario products was promoted by sales opportunity missions to such cities as Chicago, Boston, and New York, as well as at trade shows and exihibitions in other American cities.

Through the London office, representations were made to trade and industrial prospects in Norway, Sweden, and Finland, as well as in the United Kingdom. Several sales opportunity missions visited Britain and Ontario manufacturers continued to report considerable success in their negotiations with buyers. The London office also worked on several displays of Ontario products at trade fairs, including the Hevac heating and ventilating equipment show in London, and the

Buildex building equipment and hardware exposition in Scotland.

In Europe, the department's offices in Milan and Dusseldorf continued to increase the pace of their activity in promoting Ontario both from the standpoint of the sale of products and direct investments. Ontario products were exhibited at various trade fairs including the International Samples Fair, Milan, and the Hannover Fair. Several trade missions sponsored by the department resulted in a wide variety of products being sold throughout

Western Europe and parts of North

Each of the foreign offices contribute to the department's program of bringing Edyers from abroad to meet On tar. I manufacturers at trade shows such as the grocery and supermarke show, the international business show and the "Eedee" design award program. Through these efforts Ontario products of all sorts are being purchased abroad on an ever-increasing scale.



Ontario's trade offices continued their services
to businessmen in 1966 in the constant
program to promote exports, and
bring new industry to the province. Display
of toys in the window of Ontario
House, London, was among special
trade promotions.



IMMIGRATION

More than half the immigrants to Canada last year settled in Ontario, bringing with them needed skills and professional training.

But for a shortage of accommodation which developed in many centres toward the end of the year, immigration to Ontario in 1966 would have come close to the all-time record. Even allowing for the slowing down of arrivals in the final quarter, immigration exceeded 107,621 persons — second highest annual total since the Second World War, and 37 per cent more than in 1965.

The decision to establish immigration responsibilities under a fully fledged branch has further improved services to both Ontario employers and prospective immigrants. Headquarters of the branch in Toronto maintains close and co-operative working relationships with federal immigration authorities in Ottawa and with the Ontario Department of Labor. Small staff increases in the Toronto, London, and Glasgow field offices, together with improved procedures, enabled the branch to cope with a greatly increased volume of business. More than half of the immigrants in 1966 joined the labor force as professionals, technicians, industrial workers, secretaries and other skilled employees. They and their wives and children made a new and substantial contribution to both the production and consumption of goods and services in the province.

Many of the newcomers were recruited overseas by some 330 Ontario companies and agencies who used the services and facilities of the branch because they were unable to find sufficient skilled or professional employees locally. Other immigrants obtained jobs before or after coming to Ontario, through applications circulated among prospective employers by the branch, or after receiving advice and counsel from branch offices in London and Glasgow.

Fifty-five per cent of all immigrants to Canada last year settled in Ontario. Approximately 30 per cent of Ontario's total were from Britain, 18 per cent from Italy and 10 per cent from the United States. Almost every other country in the world contributed immigrants ranging from five per cent of the total to less than one per cent.

Of the skills brought by newcomers who entered the labor force, 32 per cent were related to manufacturing and construction. Professional and technical skills followed with 22 per cent, clerical 14 per cent, laborers nine per cent, and service industries personnel nine per cent. Commercial and financial workers, farmers, communications workers, managers, miners and other natural resources workers, comprised the remainder.

Immigration inquiries last year totalled 28,000 — nearly three times greater than in 1965. The increase was attributed to the department's major advertising program in the U.K. national press. A follow-up survey conducted among a large sampling of respondants provided invaluable information that will be of use in future promotions.

The comprehensive booklet Ontario Style, which promotes the province as a place to live and work, was widely distributed to prospective immigrants. Its contents have been acclaimed both within and outside the immigration field. Requiring only annual up-dating, Ontario Style has been adopted as the standard for branch use.

Another highlight of the branch's activities in 1966 was the installation of an Ontario counselling-information





centre at Champlain Harbor Station, Quebec City. Thousands of immigrants arriving by ship are temporarily disembarked at the port every year for entry processing. Those bound for Ontario are now counselled at the centre and provided with relevant publications by a Canadian immigration officer from the central region office who meets each ship.

The counselling-information centre is another example of the rapport between the branch and federal immigration authorities. At the invitation of the federal authority, Ontario immigration officers in the United Kingdom now take part in the documentary processing of intending immigrants. Applicants examined in Ontario's London and Glasgow offices who meet the requirements of the Immigration Act and regulations, may be referred directly to medical examination. This eliminates the previously unavoidable waiting period and has speeded up processing from several weeks to a matter of days.

Prospective recruit to the Metropolitan
Toronto police force is interviewed at Ontario
House, London. The force was among
more than 300 Ontario employers to use
the services of the Immigration
Branch in recruiting new staff in 1966.
Left: Ontario's counselling-information centre
at Quebec City, where immigrants bound
for the province are counselled by a
Canadian immigration officer on
arrival by ship.

ONTARIO DEVELOPMENT CORPORATION

Capital loans + advisory services = vigorous industry and new jobs.

The Ontario Development Corporation was proclaimed as a Crown agency last June for the specific purpose of stimulating economic and regional development in Ontario.

By the end of 1966, six long-term capital loans for businesses, amounting to \$1,300,000 had been approved. Another 16 applications involving a further \$4,600,000 were under consideration.

A new ski lift, towards which the corporation contributed \$75,000, was opened at Wawa in Northern Ontario in December. This new tourist attraction is important economically to both Wawa and the surrounding district. A \$90,000 loan of further significance to the tourist industry was granted for the re-construction of a trading post at Sault Ste. Marie.

Progress made by the corporation in the first six months of its operation may be gauged from the fact that the first new plant it financed was opened in January 1967 — a 30,000-ft. addition to Leigh Instruments plant in Carleton Place. Under a previous guarantee from ODC's predecessor, the Ontario Development Agency, this company increased its work force from 35 to 200.

A further doubling of the work force over the next two years is anticipated. But for the swift action by the corporation, this company would undoubtedly have moved away from the small eastern community.

As a result of the six ODC loans approved in the year, new plants will open in Northern and Eastern Ontario in the early months of 1967. The six loans will mean additional jobs for more than 500 people in slow growth areas

While the corporation's main efforts were directed towards the new capital loan program, it continued to provide advisory and technical services in various parts of the province in 1966. The corporation's consultants

provided advice and guidance to 2,600 companies and individuals, and visited some 31 locations.

Financial and managerial assistance to the tourist industry was provided through a series of tourist workshops held across the province. These workshops are jointly sponsored with the Department of Tourism and Information.

As a further aid to the tourist industry, work began on a publication dealing with the problems of expansion in the motel and hotel industry. This will be the first in a series of publications to be printed on various subjects concerning the industry.

In 1966, workshops dealing with problems facing small manufacturers were held in four communities. These workshops supplement the more formal courses available through the Department of Education, and fill a gap in helping small business managers improve their talents.

The corporation took over the loan guarantee program of its predecessor, the Ontario Development Agency, and most of the guaranteed loans are being repaid regularly. Only one loss, amounting to some \$19,000 in principal, was sustained during the year, while three loans were completely retired. Out of a total of \$5,000,000 under the guarantee program, only \$1,200,000 is outstanding.

As a result of the advisory and technical services provided by the corporation in 1966, small businesses obtained a further \$3,000,000 without any financial participation by the Ontario government.

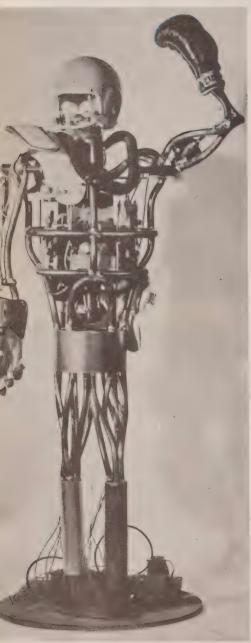
Advisory services to industry are a feature of the Ontario Development Corporation's activities. Six loans approved by the board of directors in 1966, indirectly resulted in more than 500 new jobs in slow growth areas.





SPECIAL PROJECTS AND PLANNING

Ontario's pavilion at Expo a one-stop provincial showcase.



Ontario's participation at Expo 67, the Montreal world fair, is co-ordinated and directed by the Special Projects and Planning Branch.

Major activities during 1966 included overseeing construction of the province's \$8,500,000 pavilion at Expo, and the installation of its contents, and attending to associated administrative responsibilities. The branch also undertakes and directs other special projects of a type which are usually non-recurring, and do not come within the jurisdiction of any one branch.

Construction of the Ontario pavilion was maintained on schedule. The roof-topping ceremony was held in November.

Expected to attract over 2,500,000 visitors, the pavilion is a one-stop showcase featuring all aspects of Ontario's past, present and future. If depicts the province's heritage and accomplishments, with emphasis on the acceleration of its social and economic development. The exhibit platform contains 16 major displays, ranging from renowned sculptures to nuclear exhibits. Five restaurants and two lounges featuring Ontario foods have seating capacity for 700 persons.

A 70-millimetre, multi-image color film on Ontario was completed for presentation in the pavilion's airconditioned theatre, which seats up to 570 people. The film is projected on to one of the largest screens in North America — 65 feet wide and 40 feet deep.

Briefing and study sessions were held for the 50 hosts and hostesses selected from among 2,000 applicants to staff the pavilion.

A 30-minute color film prepared by the branch to help publicize the pavilion was screened extensively. Special staff also promoted the Ontario pavilion at five summer fairs in Ontario cities, using a large mobile display. Color brochures were distributed throughout the province, in cluding 80,000 copies to schools.

Offices have been assigned at the pavilion for the department's industrial development staff. Invitations wisit the pavilion and these office were sent to over 80,000 businessmen in over 12 countries.

During 1966 the international advertising campaign was extended tinclude issues of the New Yorke Business Week, Harvard Business Weiew, Scientific American, and the London Economist. The two-page



Visitors to the Ontario Pavilion at Expo can hear of the province's opportunities and attractions from mechanical robots such as Mr. Sport, or from more attractive — if conventional — hostesses.

Lower left: Business executives from Canada and the U.S. inspect a new mining development near Timmins, during an economic study tour of Northern Ontario.

color spreads are aimed at interesting influential people in other countries in the various aspects of Ontario's economy and society. The prestige publication Ontario '66, produced and distributed by the branch, was mailed to more than 70,000 selected people in 14 countries. Many of the province's leading writers and photographers were among the contributors to this publication, which was printed in three language editions.

Work began on Ontario '67, a 100page centennial issue which will also be selectively distributed. Ontario '67 will also be sold at the Ontario pavilion. A total of 100,000 copies of Ontario '67 are to be printed.

An advertising campaign in the United Kingdom to attract skilled and professional immigrants to Ontario proved so successful that its duration had to be shortened. In conjunction with this campaign, Special Projects prepared the publication Ontario Style, for prospective immigrants. This book is now in its third printing. As part of a new Shop Canadian campaign for Ontario, television commercials were featured on stations throughout the province in the fall. This campaign continued to encourage Ontarians to Shop Canadian. As part of the continuing effort to better educate foreign investors concerning Ontario and its potential, Special Projects hosted a visiting group of major U.S. financiers. The itinerary included an official dinner and reception attended by the Prime Minister and prominent Ontario businessmen. A special plane flight took the visitors over many parts of the province.

The branch also planned and coordinated an economic tour of Northern Ontario for 40 business executives from Canada and the U.S. The tour emphasized the range of industrial development and potential existing in the north.



SHERIDAN PARK RESEARCH COMMUNITY

Products and processes are developed or improved upon at Ontario's "science city," where business and government are partners in industrial research.

Two additional research plants opened at Sheridan Park Research Community, 17 miles west of Toronto, during 1966, bringing the total value of construction at the development to more than \$26,000,000. The two latest buildings — owned by Warner-Lambert Research Institute of Canada Ltd., and Atomic Energy of Canada Ltd. — are valued at \$1,500,000 and \$6,000,000 respectively.

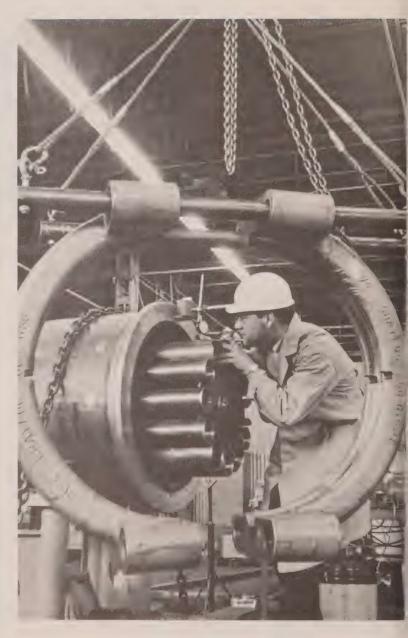
Some 1,300 scientists, engineers and supporting personnel are currently employed at the Sheridan Park community, established three years ago as a major step to encourage further industrial research in the province. Sheridan Park Corporation was established by the Ontario government to develop and sell Sheridan Park land at cost.

By the end of 1966 all but 85 of the site's 350 acres were occupied or under development by eight firms and by the government and industry-supported Ontario Research Foundation. For the past 40 years ORF has undertaken scientific research and technical work for industry and government on a contract basis.

Other corporate citizens of Sheridan Park are: British American Research and Development Co., Cominco Ltd., Dunlop Research Centre, Mallory Battery Co. of Canada Ltd., International Nickel Co. of Canada Ltd., and Abitibi Paper Co. Ltd.

Work proceeded on ORF'S \$7,630,000 research building which is scheduled to open in 1967. To contain 180,000 square feet and serve the needs of a staff of 220 in nine departments, the centre will form the nucleus of Sheridan Park. Private companies from all over Canada will draw on the foundation's scientists, information services, modern equipment and technical library.

Landscaping began at Sheridan Park during the year, while an imposing entrance and illuminated sign to welcome visitors were erected. Plans call





for formal gardens and fountains. A 12-storey administration building to include offices, banks and a restaurant is under discussion. Work continued on the nearby planned community neighborhood.

By 1970 Sheridan Park's buildings are expected to represent an investment of \$100,000,000. An estimated 6,000 scientists and technicians will be employed at the development, with an annual payroll approximating \$42,000,000.

Besides the direct benefits of research work, Sheridan Park is providing new opportunities for Canadian scientists and technicians who might otherwise have found it necessary to find employment outside the country. Apart from their own activities they also derive benefits from exchanging ideas with their colleagues. A technical coordination committee of the Sheridan Park Association meets regularly to promote any activities that may contribute to the scientific well-being of all members. The committee has already drawn up a list of equipment and library facilities in each building. Sheridan Park Association - comprising one member from each facility in the community - approves sites, outline plans, and general building specifications, promotes scientific and technical liaison, and establishes community policy.

To date, the Ontario government has spent more than \$1,000,000 to provide water, natural gas, electricity, and sewage facilities to Sheridan Park research sites, all of which are fully serviced underground. The government is also contributing to ORF's costs in relocating from Queen's Park, Toronto, to the new site.

In 1966 ORF's income totalled more than \$2,700,000, most of it for research contracts for industry. The foundation continued to operate a field engineering service sponsored by the Ontario Department of Economics and Development, to diffuse

greater research and development knowledge into more industries and regions.

In all, 621 visits were made by ORF to various plants in the province in 1966, and 4,395 requests for information were answered. Sixty-two studies were undertaken for the Ontario Development Corporation into new products and manufacturing processes.

The Ontario Research Foundation's new building at Sheridan Park neared completion in 1966. Lower left: Atomic Energy of Canada Ltd. employee at work, while unique continuous lead-sheet casting machine is operated at Consolidated Mining and Smelting Company's facility.



WOMEN'S ADVISORY COMMITTEE

Eighty cents of every retail dollar are spent by the fairer sex.

To involve women personally in the economy and create an awareness of their responsibilities as consumers, the Women's Advisory Committee was established by the Department of Economics and Development in 1963. Conferences held by the committee throughout Ontario enable a threeway exchange of information between consumers, manufacturers, and government. Topics include the availability of Canadian products and the advantages of buying them, the influence of women in further improving Canadian designs and product standards, the promotion of Canadian fashions and crafts, analysis of buying habits, and greater understanding of the economy.

More than 1,700 women attended conferences sponsored by the committee last year at Hamilton, Stratford, North Bay, Barrie, and Brockville. A further 1,000 took part in conferences, sponsored in conjunction with local organizations, at New Liskeard, Kirkland Lake, and Geraldton.

Conferences for high school students in grades 12 and 13 were also introduced. Economists, committee representatives and other officials served as panellists to answer students' questions covering all aspects of commerce and economics. Several requests have been received to extend this educational project to other schools.

The Women's Advisory Committee continues its interest in the "Eedee" award competitions which it helped originate three years ago. The garment industry, for which the first competition was held, established the Ontario Fashion Institute. The institute will be responsible for its own competition, with the Department of Economics and Development presenting the awards.

The "Eedee" awards have proved to be a worthwhile stimulus to the garment industry — indirectly resulting in greater awareness of Ontario fashions and styles both inside and outside Canada, creating new markets, and resulting in more jobs locally.



Walking women sculpture at the Ontario Pavilion at Expo by Canadian artist Michael Snow. In 1966, the Women's Advisory Committee extended its economic conferences to high schools in the province.



hopping habits can be formed early in life.

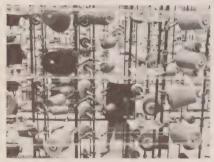




OFFICE OF THE CHIEF ECONOMIST

Economic and statistical research—a vital influence in striving for optimum utilization of the province's resources.









The Office of the Chief Economist, established on January 1, 1965, coordinates all government economic research and advises the Ontario government on economic policy.

At present, the office is organized into six branches with varying scope for economic and statistical research: Economic Planning Branch, Federal-Provincial Affairs Secretariat, Economics Branch, Regional Development Branch, and the Ontario Statistical Centre. Plans are under way to establish a computer centre to serve the Ontario Statistical Centre in its development of a general purpose information system. The centre will also provide data processing services for other government departments.

The basic purpose of the Department of Economics and Development is to plan and carry out activities leading to optimum performance by the Ontario economy. It is the responsibility of the department's economic and statistical research to provide the analysis of economic conditions and circumstances upon which the financial and economic policies of the Ontario government may be based.

As well as serving the Department of Economics and Development, the Office of the Chief Economist provides the central economic and statistical service to the government, and a large part of the research back-up required by the Cabinet committee on Confederation, the Cabinet committee on economics and finance, and the Cabinet committee on regional development.

To support these tasks, one of the principal activities of the Office of the Chief Economist has been the preparation of long-term economic planning goals for the province. Targets set for the Ontario economy for the 1963-1970 period as described in the Legislature in April 1965 by the Minister of Economics and Development:

- An average annual growth rate in gross provincial product of 5.5 per cent in constant dollars.
- An average increase of 75,000 new jobs each year.
- Reduction of unemployment to a rate of no more than two per cent by 1970.
- An average productivity increase of 2.5 per cent annually.
- A 10 per cent increase in exports of manufactured goods each year, with an overall increase in exports averaging three per cent annually.

In 1964, 1965, and again in 1966, Ontario made impressive progress towards realizing and exceeding these goals. Ontario's economic achievements over these three years measure up against the targets as follows:

- Gross provincial product in real terms has grown by 20.4 per cent since 1963, compared with the target of 5.5 per cent a year. In current dollar value, the gross provincial product reached \$22,800,000,000 in 1966.
- Since 1963, total employment has risen by 268,000 to 2,650,000. This exceeds the employment goal by 43,000 jobs. In 1966 alone, the number of people employed rose by 102,000 as compared with the target of 75,000 new jobs.

Ontario's goal is to reduce unemployment to two per cent of the labor. force by 1970. In 1964 the unemployment rate was reduced to 3.2 per cent, and in 1965 it was further reduced to 2.5 per cent. Last year, Ontario maintained this level of 2.5 per cent, a considerable accomplishment in a year of high immigration and large growth in the labor force.

 In productivity the economy has also run ahead of schedule. Ontario's goal for productivity improvement is a compound annual rate of 2.5 per cent. Actually, Ontario has achieved a productivity gain of 2.7 per cent on average over the last three years. The productivity rise in 1966, however, was below target and considerably less than the three per cent advances recorded in 1964 and 1965. The slowing of the economy in 1966, particularly the manufacturing sector, undoubtedly contributed to this lower rate of productivity gain in 1966. A reduced rate of growth in such high productivity industries as automobiles, as occurred in 1966, has a very significant impact on Ontario's overall productivity performance. To achieve the long-term productivity goal, therefore, Ontario must keep the economy operating at a high level and pursue the kind of growth policies set out in the 1967 budget.

 Ontario's export performance has also been extremely satisfying. Canadian exports of fully manufactured goods which largely originate from Ontario, rose by 42 per cent in 1964 and 17 per cent in 1965, as compared to the target increase of 10 per cent a year. In 1966, there was a further rise in exports of manufactured goods of 63 per cent. This puts Ontario far ahead of the target to date, and the remarkable advances in exports that have been achieved demonstrate the effectiveness of Ontario's program to promote exports and to improve access by manufacturers to foreign markets.

To sum up then, the overall performance of the Ontario economy to the end of 1966 compares favorably with

the set targets. In all the objectives, the government believes it has a responsibility to generate a positive mood and an enthusiasm in Ontario's economic life. The Department of Economics and Development will continue to seek positive means of ensuring the purposeful development of resources, the improvement of the quality of life of Ontario's people, and the creation of an atmosphere congenial to economic development.



Regional Development

Statements about the overall economic performance do not have the same significance for all sectors or all individuals in the economy. The government is aware that economic policies suitable to the overall performance of the economy must be tailored to suit the needs of various individuals and particular sectors of the economic spectrum. Such is the purpose of Ontario's regional development program, which will assist each region to grow as fast as its potential will allow, and thus ensure the continued economic growth of the province.

The necessary administrative organization proposed in the Design for Development program has been set up and is now functioning. The Cabinet committee on regional development, the key organization, is comprised of the Ministers of Agriculture and Food, Economics and Development, Highways, Lands and Forests, and Municipal Affairs, with the Prime Minister of Ontario as its chairman. The committee directs and co-ordinates the preparation and implementation of regional plans.

An advisory committee on regional development, including one senior official of each of the Departments of Agriculture and Food, Economics and Development, Energy and Resources Management, Highways, Lands and Forests, Municipal Affairs, and Tourism and Information, has also been established, to advise the Cabinet committee on regional development and carry out its instructions. The advisory committee will also assist in co-ordination of the activities of the 10 regional advisory boards which have been set up - one for each of the 10 economic regions in the province. These boards are made up of selected representatives from provincial government departments.

The tenth and final regional development council — Central Ontario — was established in the fall of 1966. These councils, composed of individual citizens and municipal governments, encourage planning and action on a regional basis. The Regional Development Branch has been charged with co-ordination and liaison among the councils and between the councils and the government. The branch also provides assistance in carrying out council activities. Increased provincial grants to the regional development councils have provided a firm base from which their activities can be continued and expanded.

Three regional development councils, St. Clair, Eastern Ontario and Lake Erie, have undertaken preliminary regional research programs, and proposals from other councils for relevant projects are pending. The Regional Development Branch has held meetings with university officials to discuss regionally related research which might be undertaken in the universities under the regional development program. A number of proposals for research studies have been submitted to the branch and several are now approved.

The branch is co-operating with a number of Ontario universities on research projects of importance to the regional development program. These include a land use study in the Niagara economic region by Brock University, a study on the regional structure of the Ontario government by Queen's University, and the preparation of an Economic Atlas of Ontario, with the University of Toronto.

Basic research is also being undertaken by the Regional Development Branch itself in a number of areas necessary to the establishment of a development program. Such research includes the preparation of basic guideline proposals to assist in the development of common regional development research programs for all the economic regions in the province,

the delineation of regional economic planning and growth centre regions, and the preparation of a new series of interpretative regional economic studies. The first one now published is on the Niagara region.

In the process of providing liaison with the regional development councils and co-operation with federal and provincial government departments and agencies and universities on all matters concerned with regional development, the Regional Development Branch is assisting the government to move purposefully along the path charted by the Design for Development program towards economic growth and prosperity for all regions of the province.



ONTARIO ECONOMIC COUNCIL

Industry, commerce, and society under the microscope.

The Ontario Economic Council, an advisory body to government, investigates provincial economic and social problems — reporting its findings to the Cabinet, and in many cases, to the public.

Although its 20 members are appointed by order-in-council, OEC follows an independent course of action, initiating its own research projects or undertaking special assignments as requested by Cabinet or government departments. Among the research programs and studies undertaken by the Ontario Economic Council in 1966:

Expanding Employability in Ontario: An assessment of the federal-provincial program for training and raising the skills of the unemployed, and its implications for government, business, and labor. (\$2 a copy.)

The Impact of Layoff and Recall at Ford-Windsor: An examination of the effect on employees of the Ford foundry and engine plants with the reorganization of production facilities arising from the Canada-United States Automotive Trade Agreement. (\$2 a copy.)

Assessing Educational Requirements for Skillpower: A study to determine how five representative manufacturers and three service businesses in Ontario, currently employing 28,500 persons, viewed the forward educational requirements of their employees between 1965 and 1970. (\$2 a copy.)

Skill Acceleration: An examination of how 17 growth companies have coped with the problem of raising employee skills. This study was done with the Ontario Departments of Labor and Education. (50¢ a copy.)

1966 Research Index: The second edition of a research index setting out current research projects within government departments, agencies, and commissions in agriculture, chemistry, the earth sciences, engineering, forestry, the life sciences, and physics. Some 20 private firms in Ontario also listed 97 current research projects in

the index. (No charge.)

People and Land in Transition: A study of opportunities for resource development on rural Ontario's marginal and abandoned acres. Encompassing six selected townships, the study aimed at measuring the economic and social cost of the accelerating drift into idleness of a large part of acreage, and determining what might be done to use these lands to better advantage. Also analysing what might be the cost-benefit relationships of the various programs proposed, this study was done with the Ontario Federation of Agriculture and the Departments of Lands and Forests, Agriculture and Food, and Municipal Affairs. (\$1 a copy.)

The studies and reports were all released to the business community and general public. Other reports by the council included: pollution in resortcottage areas; the Canadian content of building materials in several major Ontario building projects; the furniture industry; the voluntary continuance of employment beyond retirement age; Canada's immigration policy; and Ontario population trends. The council co-ordinated the government's efforts - working with appropriate government departments and agencies and with private industry to develop the large lignite deposits in Onakawana in Northern Ontario. As a result, an exploration licence has been issued and Ontario Hydro is conducting a feasibility study to determine whether a thermal power station can be profitably built there.

The council co-ordinated the program to design, produce, and distribute Ontario's Centennial medallion which commemorates the province's role in a century of mineral development.

Other Ontario Economic Council publications available:

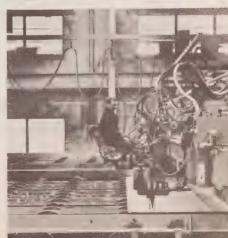
Ontario's Tourist Industry — Its Potentials and Its Problems: An evaluation by OEC's Tourist Industry Committee. (\$2 a copy.)

Human Resource Development in the Province of Ontario: A study of skilled manpower in Ontario. 1965-1966.

Why Where How — and Would they do it Again?: A review of the site selection process and subsequent experience of 42 industries locating in Ontario's smaller centres. (\$1 a copy.)

Steel plate is cut in an Ontario shipyard to patterns programmed by keyboard operator.





BUSINESS AROUND THE WORLD

Each year more Ontario manufacturers are discovering that export business is profitable business. In 1966 the Marketing Section assisted Ontario producers establish over 100 sales agencies outside of Canada.

Where it is not economically feasible to export the finished product, a number of Ontario companies have established branch plants overseas. For the same reason, some firms engage in joint ventures with overseas businessmen, helping establish new markets for Ontario-made goods.

Branch Plants

During 1966 the following companies established subsidiaries abroad:

- Lennox Industries (Canada) Limitedsales company in Frankfurt, Germany.
- ☐ Atlas Steels Company, division of Rio Algom Mines Limited company in Paris, France.
- Maurice H. Rollins Construction Ltd., Belleville company in Aylesham, Kent, England.
- Davies Truck Equipment Ltd., Rexdale company in Rotterdam, Holland
- ☐ Husky Mfg. and Tool Works Ltd., Toronto company in Liechtenstein.
- Polymer Corporation Limited, Sarnia company in Strasbourg, France.
- Redirack Industries Limited, Toronto company in Brussels, Belgium.
- ☐ Keystone Valve (Canada) Limited, Toronto — company in The Hague, Holland.
- Andrew Antenna Company Limited, Whitby company in Lochgelly, Fife, Scotland.

Licensing Arrangements

- Beverley Bedding and Upholstery Co., Toronto, and Ruwohl-Mobelwerke GmbH, Lippstadt, Germany.
- ☐ John Labatt Limited, London, and D'Oranjeboom Breweries Ltd., Rotterdam, Holland.
- Service Steel and Engineering Ltd., Hamilton, and John Wallace (Mechanical Handling) Ltd., London.
- Rothwell-Perrin Lumber Company Limited, Portland, and G. L. Medland and Co. Ltd., Southsea, Portsmouth, Hants.
- Truck Engineering Limited, Woodstock, and W. P. Butterfield Ltd., Shipley, Yorks.
- ☐ Urethane Products Canada Limited, Cooksville, and Watts of Lydney Ltd., Lydney, Glos.
- Redirack Industries Limited, Toronto, (Dexion Canada Ltd.) and Redirack SA, Brussels, Belgium.
- Grampiam Marine Limited, Oakville, and Fairey Marine Ltd., Hamble, Hants.
- McInnis Conveyors Ltd., Burlington, and Marshall Conveyors Ltd., Billesdon, Leics.
- Anthes Imperial Limited, St. Catharines, and Buderus GmbH, Germany.
- Rothwell-Perrin Lumber Company Limited, Portland, and S. Campbell Ltd., Belhaven Sawmills, Whitegates, Wishaw, Lanark., Scotland.
- ☐ Rothwell-Perrin Lumber Company Limited, Portland, and Mr. Simon Campbell, Wishaw, Lanark., Scotland.
- Rothwell-Perrin Lumber Company Limited, Portland, and W. A. Montgomery, Belfast, N. Ireland.



PUBLICATIONS

AND

FILMS

Services of the Trade and Industry Branch

Programs and activities of the branch which serve businessmen and municipali-

It's Your Move

Industrial, manufacturing and investment opportunities in Ontario, a look at the fast-growing economy, and growth projections for the future.

Three Roads to Profit

Ontario's unique profit opportunities in branch plants, manufacturing arrangements or joint ventures.

Our Man from Ontario

How the businessman can take part in the Ontario government's sales opportunity mission program to increase exports.

Ontario Industrial Review 1966

Work and accomplishments of the Ontario Department of Economics and Development

Exporter's Almanac

Export services for the Ontario manufac-

Municipal Industrial Development Guide Industrial promotion at the community level.

Marketing Abroad

How the Ontario businessman finds new markets for his products.

Directory of Products for Export

Listing of Ontario-made products available for export.

Statistics for Profit

Statistics on Canadian imports from the U.S. and U.K., Canadian export opportunities, and fabrication gaps in Canadian industry.

Ontario Engineering Services Abroad

Ontario government assistance to firms taking part in overseas engineering pro-

Women and the Economy

This Women's Advisory Committee pamphlet outlines how Ontario women can strengthen the economy by "shopping

Fabrics, Fibres and Finishes

Stressing the "shop Canadian" theme, this pamphlet outlines the peculiar characteristics of synthetic fibres and finishes, and clarifies trade names.

The Economy of Ontario

A descriptive analysis of the structure and function of the Ontario economy, and some of the forces which determine the pace and pattern of growth.

Ontario Statistical Review 1966

Key economic and social statistics and indicators during the year, set in historic and comparative perspectives.

Ontario Economic Review

Monthly review of the economy.

Regional Development

How regional development works for Ontario municipalities.

Niagara '66

A socio-economic study of the Niagara region (Wentworth, Brant, Haldimand, Lincoln, and Welland counties) with reference to the problems of industrial growth, service requirements and municipal finance

Lake Ontario Region '67

A socio-economic study of the Lake Ontario region (Durham, Haliburton, Hastfario region (Durnam, Hallburlott, Hasi-ings, Lennox and Addington, Northumber-land, Peterborough, Prince Edward, and Victoria counties) with reference to the problems of industrial growth, service requirements and municipal finance.

Midwestern Region Economic Survey -1965

(Huron, Wellington, Perth and Waterloo counties)

Lake Erie Region Economic Survey - 1966 (Elgin, Middlesex, Oxford and Norfolk)

Northeastern Ontario Region Economic

Survey — 1966 (Cochrane, Algoma, Sudbury, Timiska-ming, Nipissing and Manitoulin)

Specialized Personnel Recruitment

How Ontario companies and agencies, unable to find sufficient skilled or professional personnel locally, can recruit overseas through the department's immigration branch

Ontario Development Corporation

Function of the Ontario Development Corporation to stimulate economic and regional development in Ontario, with an outline of services including counselling and financial assistance.

Does Your Business Need a Check-Up?

This Ontario Development Corporation booklet deals with sound business practices and procedures for the small com-

Motel Building for the Future (\$1.00 if ordered outside Ontario)

Factors which must be considered in deciding whether to expand a motel operation are closely scrutinized in this ODC booklet

Sheridan Park Research Community

The operation, function and organization of Ontario's new research community.

Ontario/67 (\$2.00)

Ontario - its culture, people and economy.

Ontario Today

Industry, recreation, and the people of Ontario are featured in this extensive tour of the province. Color, 28 minutes.

Ontario at Expo

The concept, planning and construction of Ontario's \$8,500,000 pavilion at Expo 67, the people who made it possible, and a glimpse at the pavilion's contents. Color, 27 minutes.

Big Deal

Animation and live action provide an entertaining analysis of the Ontario economy, emphasizing the importance of expanding both domestic and export markets. Color, 8½ minutes.

The Scientific Century

Research and its importance to man's well-being, portrayed during a visit to Sheridan Park Research Community, Ontario's "science city." Color, 20 minutes.

Our Man from Ontario

How Ontario businessmen are increasing export sales by taking part in govern-ment-organized sales missions to many parts of the world. Color, 13 minutes.

Challenge of Change Strategy for Change

Regional development, how it works in other countries, and some of the problems encountered by regional development programs. Black and white, each 30 minutes.

Are People Necessary?

The effect of automation on society. Black and white, 60 minutes.

Women's World

The Ontario Women's Advisory Committee, and the vital role played by women in the development of the Canadian economy. Color or black and white, 13 minutes.

TO ORDER FILMS AND PUBLICATIONS

Films are loaned to interested groups for the cost of return postage or express charges. Except where cost is stated, publications are also distributed free to interested groups or individuals. Contact:

Information Services

Department of Economics and Development

950 Yonge Street

Toronto 5

Phone: 365-5466 (Area Code 416)

MARKETING ABROAD

Ranging from Georgia to Germany and from Sweden to Singapore, 22 Ontario sales missions representing 191 firms in the province, were organized by the Department of Economics and Development in 1966. Salesmen on the missions filled their books with new orders exceeding \$15,000,000-not including repeat sales. The missions and the companies represented:

January 23 — Indianapolis

Robert Soper Limited, Hamilton Parkdale Wines Ltd.,

Jacobs and Thompson Ltd.,

Weston

Toronto

January 26 - United Kingdom

Aurora Plastics of Canada Limited, Rexdale

Daisy Manufacturing Co. of Canada, Ltd., Preston

Echlin-United of Canada Limited, Rexdale

Fisher-Price Toys Canada Limited, Orangeville

January 30 — Georgia and Florida

Craft Originators and Manufacturers Ltd., Hamilton

Electronic Associates of Canada Ltd., Willowdale

Globe Mills Ltd... Meaford

February 21 - Cleveland

Proprietary Products, Smith and Stone Limited. Toronto

Claire Haddad Limited, Toronto

National Leather Products Ltd.. Toronto

February 26 - Germany

Boyd-Crane Manufacturing Limited, Downsview

Canadian Aquarium Supply Co. Ltd., St. Thomas

Gilson Manufacturing Co. Limited, Guelph

April 10 - United Kingdom

Clare Brothers Limited Preston

Thos. K. Webster Ltd., Ottawa

S. A. Armstrong Limited, Toronto

Leigh Metal Products Ltd., London

St. Clair Grain and Feeds.

Chatham

Galt Display Rack Company,

Galt

Provincial Plastics Ltd.,

Hespeler

Sutton Tool and Die Mfg. Co., Brantford Taylor Soaps Perfumes Limited.

Don Mills

London Winery Limited,

London

Mercury Tool and Stamping Limited,

Rexdale

Munro Games Ltd., Burlington

Payrel Ltd., Toronto

Preston Manufacturing Limited,

Hespeler

Procraft Products Ltd., Toronto

Earle Pullan Co. Ltd..

Toronto

Kindred Industries Ltd..

Midland

Larsen and Shaw Limited,

Walkerton

Shopsy's Foods Limited,

Weston

Suburban Metal Industries Limited.

Scarborough

Substation Electrical Services Ltd.,

Islington

I. Wagner Co. Ltd.,

Toronto

Lyn Leather Co. Ltd., Toronto

Les Dunsdon Ltd., Brantford

Federal Farms Limited.

Bradford

Gorman Eckert and Co. Limited,

McDermott Metal Products Ltd.,

Payne Manufacturing Co. Ltd.,

Revnolds Extrusion Company.

KeepRite Products Limited,

Rogerts-Gordon Appliance Corporation

Siegler Corporation of Canada Limited,

London

Toronto

Toronto

Limited, Toronto

Ltd., Grimsby

A. C. Wild Limited,

Brantford

Weston

Orillia

Spraytex Industries. Division J. R. Smith and Co.,

Scarborough

Crystophane Company of Canada Ltd.,

Port Credit

National Hees Industries Limited.

Toronto

Lombard House Limited,

Toronto

Hardy-Glenwood Products,

Barrie

Omark Industries of Canada Ltd.,

Guelph

Kelvinator of Canada Limited,

London

Biggar's Frosted Foods Ltd.,

Vineland Station

Hallmac Limited. Hespeler

Advance Show Case Limited,

Willowdale

Metalbestos Manufacturing Co. Ltd.,

Brockville

April 17 - Singapore, Malaysia, Thailand

A. D. Burford and Associates, Toronto

Foundation of Canada Engineering Corporation Limited,

Toronto

J. K. Smit and Sons International Ltd., Toronto

Northern Electric Company Limited, Intl. Opns. Division, Bramalea

April 18 — Peru, Argentina, Brazil, Venezuela and Colombia

Emco Limited. London

Babcock-Wilcox and Goldie-McCulloch Limited,

Galt

Berry-Hill Limited, St. Thomas

Interag Food Exports of Canada Ltd., Port Perry

Peabody Engineering Corp. of Canada Ltd., Cooksville

The E. B. Eddy Company, Ottawa

Aqua Marine Mfg. Limited, Toronto

May 6 - United Kingdom

Bostlund Industries Ltd... Oak Ridges

Culligan of Canada Ltd., Clarkson

Braeside Farms, Milton

Dress Essentials Ltd., Toronto

Kenebuc (Galt) Limited,

Galt

Scepter Manufacturing Co. Limited,

Canadian Meter Company Limited, Milton

Oxford Picture Frame Co. Limited. Toronto

Spray Tex Industries, Division of J. & R. Smith & Co., Scarborough

White Electronic Development Corporation Limited,

Toronto

May 28 - Germany

Farm House Frozen Foods, Division of Morrison-Lamonthe Bakery Ltd., Ottawa

Tridon Manufacturing Limited, Burlington

baker Guennel Limited, Scarborough

James Fibre Glass Manufacturing Co. Ltd., Weston

Beverley Bedding and Upholstery Company, Toronto

Norfolk Knitters Limited, Port Dover

S. W. Fleming and Company Ltd., Scarborough

A. S. Nicholson and Son Limited, Burlington

June 10 - United Kingdom

C. R. Bailey Corporation Ltd., Hamilton

E. & A. Gunther Company Limited, Brantford

Filtration Products of Canada Limited. Thornhill

H. Harding & Son Limited, Toronto

Electronic Materiels of Canada Limited, Ottawa

Style-Rite Blouse Company Limited, Toronto

General Refrigeration of Canada. Downsview

Favex Limited. Chatham

The Baxter Canning Co. Ltd. Bloomfield

VISIrecord of Canada Limited, Toronto

Crosman Arms Canada Limited, Dunnville

Summerhayes Industrial Wood Products Ltd., Brantford

Premier Vacuum Cleaner Co. (Canada) Ltd., Toronto

June 17 - Italy

B & K Roller Die Co. Ltd., Toronto

Hamilton Float and Trowel Ltd., Hamilton

Klassen Bronze Ltd., New Hamburg

Contemporary Walls Ltd., Toronto

Hamilton Porcelains Ltd.,

Brantford

The P. B. Yates Machine Company Ltd., Hamilton

Blue Giant Equipment of Canada Ltd., Brampton

June 27 - Chicago

Clarkcraft Industries Ltd., St. Catharines

Metro Products

Archery Craft Company Limited,

Toronto

Toronto

Payne Manufacturing Co. Ltd..

Toronto

Hinterland Handcrafts,

Bancroft

Powertronic Equipment Limited,

Toronto

A. J. Manufacturing Ltd., North Bay

(Dynamic Display Division) Lighting Maintenance Service Ltd.. Windsor

B. Lewis (Pioneer Luggage) Canada Ltd., Scarborough

September 6 — Italy, Yugoslavia, Sweden and Spain

Byron Jackson of Canada Ltd...

Scarborough

Canadian General Electric Co. Ltd... Peterborouah

Canadian Westinghouse Co. Ltd.,

Port Hope

Denison Mines Ltd., European Division,

Paris

Dilworth, Secord, Meagher and

Associates, Toronto

Eldorado Mining and Refining Ltd. Port Hope

Rio Algom Mines Ltd.,

Toronto

Hydro Electric Power Commission of Ontario, Toronto

September 11 - New York

Canadian Wire Brush Company, Barrie

Finlux Sauna Company Ltd., Richmond Hill

A. E. Joslin Machinery and Eqt. Ltd., Cooksville

Gardenglas Limited, Toronto

London Winery Limited.

London

Tractor and Trailer Devices Limited. Toronto

Reff Products Limited, Weston

Polyfiber Limited. Renfrew

Maynards (Canada) Ltd.,

Don Mills

September 23 — Italy

Wentworth Mould and Die Company Limited, Hamilton

Versafood Services Limited. Toronto

Stevenson, Turner and Boyce, Division of Canada Duphar Ltd., Guelph

General Products Company,

Scarborough

Processomatic Limited. Scarborough

Hydromatic Machines Limited, Downsview

Hydraulic Power Corp. Ltd., Ajax

September 26 - St. Louis

McFarlane Gendron Mfg, Co. Limited, Toronto

Octopus Products Limited, Toronto

Precision Small Parts Limited, Willowdale

Maple Leaf Chemicals Ltd., Scarborough

Munro Games Limited, Burlington

Graphico Precision Works Ltd., Scarborough

Johnson Nurseries (Kingston) Ltd., Kingston

October 14 — Eastern and Northern Europe

Canada Cycle and Motor Company Ltd., Macnaughton-Brooks Limited, Weston

Dominion Road Machinery Co. Limited, Mimik Limited, Goderich

Heath and Sherwood (1964) Limited, Kirkland Lake

Weston

R. J. Minogue and Company Limited, North Bay

Shamrock Chemicals Limited. London

Sharpe Instruments of Canada Limited, Downsview

Trench Electric Limited, Don Mills

P. B. Yates Machine Company Ltd., Hamilton

October 21 - Germany

Gulton Industries (Canada) Ltd., Gananoque

Garrett Manufacturing Limited, Rexdale

Gremar Connectors (Canada) Ltd., Rexdale

Guildline Instruments Ltd., Smiths Falls

O and W Electronics Limited, Don Mills

October 24 - New York

Beautiline Limited, Weston

Western Controls Limited, Toronto

Stone Facings Limited,

Toronto

Nash and Harrison Limited,

Ottawa

Ferranti-Packard Electric Limited,

Toronto

Bryston Manufacturing Limited,

Scarborough

S. I. Simon Associates Limited.

Toronto

ABC Steel Buildings Limited,

Bolton

Owl-Lite Equipment Ltd.,

Fort Erie

Canadian Electronic Teaching Aids,

(C.E.T.A. Ltd.), Fort Erie

November 1 - Boston

Sarnia Scaffolds Limited, St Catharines

De Havilland Aircraft of Canada Ltd., Special Products and Applied Research Division, Malton

W. R. Elliott Limited. Kitchener

Bayly Engineering Limited,

Ajax

Canadian Collord Products Limited, Windsor

Magna Electronics Corporation, Toronto

Muirhead Instruments Limited, Stratford

Topping Electronics Limited, Toronto

November 18 - Glasgow

Reff Plastics Limited, Weston

Jacobs and Thompson Limited. Weston

Abitibi Panel Products Ltd... Toronto

Alumicolor Limited. Weston

D.H.I. Limited, Brampton Alumicor Limited.

Scarborough

Care Equipment Mfg. Co. Ltd., Bridgeport

A. S. Nicholson and Son Ltd., Burlington

Foam Form Canada Limited, Oakville

Agricultural Services

Manufactured items are not the only Ontario products winning increasing sales overseas. Food and agricultural products are in the picture too.

The Departments of Economics and Development, and Agriculture and Food, co-operate to further develop these markets. Close liaison through the Ontario Food Council office results in the efficient and effective handling of all food and agricultural product inquiries.

In 1966 42 food buyers from 16 countries were assisted by the food council to secure sources of Ontario food and agricultural products. Agricultural staff in Toronto and the United Kingdom researched markets in the West Indies, the United Kingdom, Western Europe and the United States.

Thirteen Ontario food processing companies took part in Ontario Food Council exhibits at the Ideal Home Show, London; Scotland's food exhibition, Glasgow; and the grocers' exhibition, Manchester. They were

Canadian Canners Ltd.,

Hamilton

Libby, McNeill and Libby,

Chatham

Stokely-Van Camp of Canada Ltd.,

Essex

Green Giant of Canada Ltd., Tecumseh

Canada Packers Ltd., Toronto

Clark Foods Ltd., Harrow

E. D. Smith and Sons Ltd.,

Winona

Pyramid Canners Ltd., Leamington

Favexsales Ltd., Ottawa

Baxter Canning Company Ltd., Bloomfield

Lakeside Packing Company Ltd..

Harrow

William D. Branson Ltd.,

Toronto

Imperial Foods Ltd.,

Ruthven

NEW MANUFACTURING ESTABLISHMENTS

The following 179 new manufacturing establishments were among the more important firms entering secondary manufacturing in Ontario during 1966. To be included in the listing, the new establishment must either employ 10 persons, occupy 5,000 square feet of manufacturing or assembly space, or have sales in excess of \$100,000 annually.

Company	Location	Origin	Product
A P I Instruments Canada, Limited	OSHAWA	United States	Industrial controls and meters
Abel Metal Products Limited	METROPOLITAN TORONTO	Canada	Metal products
Alloy-Hyflow Limited	PRESTON	United States	Alloy flanges and pipe fittings
Aluminum Company of Canada, Limited	OTTAWA	Canada	Liquid alum
Artisan Furniture Limited	MOUNT FOREST	Canada	Occasional tables and credenzas
Atlas Chemical Industries, Canada Ltd., Rigid Form Division	OAKVILLE	Canada	Rigid polyurethane forms
Automatic Parking Devices (Canada) Limited	WINDSOR	United States	Automatic parking devices
Bach-Simpson Limited	WIARTON	Canada	Electrical panel meters; control apparatus
Backhaus Brothers	MARKDALE	Canada	Hi-Fi cabinets
Barton Distilling (Canada) Limited	COLLINGWOOD	United States	Distillery
Bendix-Westinghouse Automotive Air Brake Company of Canada Limited	LONDON	United States	Air brake equipment for trucks, trailers and buses
Berg Equipment Co. (Canada) Limited	WEST NISSOURI TOWNSHIP (LONDON)	United States ,	Barn and stable fixtures
Bic Pen of Canada Limited	METROPOLITAN TORONTO	United States	Ballpoint pens
Borden Chemical Company (Canada) Ltd., The — Consumer Products Division	COBOURG	Canada	Plastic houseware
Bowltex Limited	WINDSOR	Canada	Auto accessories
Boyles Bros. Drilling Company Ltd.	ORILLÍA	Canada	Diamond drill bits
Brantford Concrete Pipe Company Limited	BRANTFORD TOWNSHIP	Canada	Concrete pipe
Brock Containers Limited	OTTAWA	Canada	Corrugated containers
Bro-Dart Industries (Canada) Ltd.	BRANTFORD	United States	Library supplies
C.F.E. Products Limited	TRENTON	Canada	Hydraulic units
C.S. Castings Limited	ORILLIA	Canada	Steel alloy castings
Cal/Ink Chemical Co., of Canada Ltd.	CHINGUACOUSY TOWNSHIP (BRAMALEA)	United States	Paint colors
Canadawide Car Wash Equipment Limited	METROPOLITAN TORONTO	Canada and United States	Car wash equipment
Canadian Asea Electric Limited	MALTON	Sweden	Coils and "Pressductor" for weighing
Canadian General Electric Company Limited	TRENTON	Canada	Motor assembly
Canadian Krueger Machine Tools (Windsor) Limited	WINDSOR	Canada	Numerical control machines
Canadian Pittsburgh Industries Limited	OWEN SOUND	Canada	Sheet window glass
Canadian Pittsburgh Industries Limited	TORONTO TOWNSHIP (CLARKSON)	Canada	Paints and finishes
Canadian Snow Fence Ltd.	NORTH BROOK	Canada	Wood lath; snow fences
Canadian Worsted Mfg. Limited	METROPOLITAN TORONTO	Canada	Woollen and synthetic yarns
Canusa Coating Systems Limited	CHAFFEY TOWNSHIP (HUNTSVILLE)	Canada	Plastic extrusions

Ceresdale Fertilizers Limited NEWCASTLE Chatham Metal Finishing Limited Chatham Tool and Die Limited NEWCASTLE Chatham Chatham Chatham Canada Specification electro performation and spray Chatham Tool and Die Limited Chatham Canada Tools, dies, moulds, ji	ating, painting
phosphating and spray	painting
Chatham Tool and Die Limited CHATHAM Canada Tools, dies, moulds, ji	gs and fixtures
Chemcell (Cornwall) Limited CORNWALL Canada Methanol	
Chemical Projects Limited METROPOLITAN Canada Scientific and chemical products	research
Clarke, D. A., Veneers Ltd. SOUTH RIVER United States Spliced veneers	
Cluett, Peabody and Co., of Canada Limited HAMILTON Canada Dress shirts	
Collie, William, Yarns Limited CARLETON PLACE Canada Sale yarns	
Colonial Cookies Limited KITCHENER Canada Plain and sandwich co	okies
Colt Press Automation Limited WINDSOR Canada Press feeders	
Contessa Underfashions Limited OTTAWA Canada Lingerie	
Continental Can Co. of Canada Limited VAUGHAN TOWNSHIP Canada Drink cans and aerosol	containers
Corning Glass Works of Canada Ltd. MUSKOKA TOWNSHIP United States Glass for television to (BRACEBRIDGE)	bes
Daal Plastics Limited WINDSOR Canada Plastic injection mould	ings
Daal Specialties (Collingwood) Limited COLLINGWOOD Canada Auto accessories	
Delta Explosives Ltd. BOSTON TOWNSHIP (KIRKLAND LAKE) Canada Non-nitroglycerine bla	sting agents
Dennison Manufacturing Company of Canada, Limited GEORGETOWN Canada Tags, tickets, labels and paper products	
Diamond Specialty, Limited BURLINGTON United States Power plant equipment	1
Double M Tool and Die Limited WINDSOR Canada Moulds for plastic indu	stry
Douglas Engineering Company Limited METROPOLITAN Canada Damping mechanisms; tory; air handling syste	
Drews Plywood and Furniture MOUNT FOREST Canada Tops for tables; Hi-Fi a	nd TV sets
Drying Systems (Canada) Limited METROPOLITAN United States Industrial paint drying	ovens
Dundas Chemical Limited CORNWALL Canada Polystyrene foam	
Durable Release Coaters Limited MALTON Canada Custom teflon coating	
Durham Metal Products Limited GRIMSBY Canada Boat trailers	
E S E Limited METROPOLITAN Canada Control systems	
Extruded Plastic Products Limited METROPOLITAN Canada Thermo plastic pipes and TORONTO Canada	d tubes
Fabreeka-Canada Limited TORONTO TOWNSHIP United States Vibration pads; convey	or belts
Fab-Tec Manufacturing Processes (Canada) Limited WINDSOR United State's Automatic systems; spe	cial machinery
Fairchild Camera and Instrument Canada Ltd., STREETSVILLE United States Electronic parts Semi-Conductor Division	
Fasson Canada Division METROPOLITAN United States Pressure sensitive sheet	and roll stock
Ford Motor Company of Canada, Limited SOUTHWOLD TOWNSHIP Canada Automobiles	

Francisco Pau, left, a prominent Spanish industrialist and company director, was among 175 buyers from 25 countries assisted by the Trade and Industry Branch in 1966. He visited Ontario to investigate buying processing machinery and materials.

ADE AND INDUSTRY BRANCH PUBLICATION



Company	Location	Origin	Product
Forenta Limited	KINCARDINE	United States	Drycleaning pressing equipment
General Coach Works of Canada Ltd.	WESTMINISTER TOWNSHIP (LONDON)	Canada	Mobile homes
General Fireproofing Company Limited	GEORGETOWN	United States	Metal business furniture
Goderich Tube and Steel Co. (Canada) Limited	XALA	United States	Exhaust pipes
Goodyear Tire and Rubber Company of Canada, Limited Industrial Products Division	COLLINGWOOD	Canada	Commercial hose
Grace Plastics Limited	CORNWALL	United States	Plasticizers
Green Giant Frozen Foods of Canada Limited	TECUMSEH	Canada	Frozen vegetables in sauces
Gymnasium and Health Equipment Limited	MARKHAM	Canada	Gymnastic equipment
Halton Steel Joist Limited	GEORGETOWN	Canada	Steel joists
Harding Carpets (Collingwood) Limited	COLLINGWOOD	Canada	Carpeting
Harnischfeger Corporation of Canada Limited	METROPOLITAN TORONTO	United States	Mobile cranes
Hartford Spinning Canada Limited	KINGSTON TOWNSHIP	United States	Synthetic fibre
Hartford Tooling Limited	WINDSOR	Canada and United States	Electrical discharge machining and forging dies
Hinspergers' Harness and Tent Company Ltd.	NEWMARKET	Canada	Camping and boating goods; snowmobiles
Hoover Co., Limited, The	BURLINGTON	Canada	Washing machines
Howell Litho and Cartons Limited, The	BURLINGTON	Canada	Cardboard cartons
Huntsville Timber Products Limited	CHAFFEY TOWNSHIP (HUNTSVILLE)	Canada	Wooden wire reels
Ickes-Braun Glasshouses of Canada Limited	BEAMSVILLE	United States	Glass and plastic structures
Inmanco (Canada) Limited	METROPOLITAN TORONTO	United States	Electrical insulation — motors, transformers, etc.
James Metal Finishing Limited	NIAGARA FALLS	United States	Chemical processing equipment
Kelsey Wheel Company, Limited	EAST OXFORD TOWNSHIP *	United States	Automobile hubs and brake drum accessories
Kingsleigh Industrial Co. Limited	OAKVILLE	Canada	Pressure vessels and tanks
Knape and Vogt of Canada Limited	METROPOLITAN TORONTO	United States	Builders' hardware
Kohler of Canada Ltd.	METROPOLITAN TORONTO	United States	Engines, pumps and valves
LFE-Automatic Signal, Ltd.	BELLEVILLE	United States	Traffic signal control equipment
Letco Limited	PRESTON	Canada	Snow plow blades; carbide tipped mining bits
Lewis-Shepard (Canada) Limited	WELLAND	United States	Material handling equipment and steel fabrication
Libby Container Company Ltd.	WALLACEBURG	United States	Containers
Little Giant Products (Canada) Ltd.	TORONTO TOWNSHIP (COOKSVILLE)	United States	Lift truck attachments and sweepers
Livingston Wood Manufacturing Limited	WALPOLE TOWNSHIP (HAGERSVILLE)	Canada	Shipping crates
Long Sault Yarns Limited	CORNWALL TOWNSHIP (LONG SAULT)	Canada	Cotton sales yarn

ompany	Location	Origin	Product
IDM Swarfega Canada Limited	WATERFORD	United Kingdo	M Chemical cleaning products
Nasterloy Products Limited	GLOUCESTER TOWNSHIP (OTTAWA)	Canada	Strategic ferro-alloys
Nerrick Scale Manufacturing Company of Canada Ltd.	METROPOLITAN TORONTO	United States	Conveyor weighing and feeding equipment
letasurf Canada Limited	WINDSOR	United States	Metal finishing chemicals
Nidland-Ross of Canada Limited	BURLINGTON	United States	Automotive brakes and door control mechanisms
tiller, Herman, of Canada Limited	METROPOLITAN TORONTO	United States and Canada	Custom-engineered office and institutional furniture
Nister Leonard Limited	METROPOLITAN TORONTO	Canada	Women's slacks
Nohawk Cabinet Co. of Canada Limited	ARDTREA (ORILLIA)	United States	Freezer display cabinets
Notor City Tool and Manufacturing Limited	WINDSOR	Canada	Tools, dies, jigs and fixtures
lotor Wheel Corporation of Canada Ltd.	СНАТНАМ	United States	Automotive wheels
Nultiple Toymakers of Canada Limited	METROPOLITAN TORONTO	United States	Toys and playsets
ational Chemsearch of Canada Limited	CHINGUACOUSY TOWNSHIP (BRAMALEA)	United States	Chemicals
lational Millwork Limited	BURLINGTON	Canada	Cabinets and woodwork
ational Pressed Glass Limited	BRANTFORD	Canada	Pressed glass components
ovo Automotive Products Limited	WINDSOR	United States	Side-vent windows for trucks
liver-MacLeod Limited	GRAVENHURST	Canada	Metal fabricating
njukka, V.	FOLEY TOWNSHIP (PARRY SOUND)	Canada	Prefab cottages and saunas
xford Yarns Limited	WOODSTOCK	Canada	Yarns
and T. Lumber Express Limited	SALTFLEET TOWNSHIP	Canada	Shipping pallets
alleon Electronics Limited	CORNWALL	Canada	Automatic toilet flushers
ar Foam Limited	KITCHENER	Canada	Moulded urethane products
arker-Hannifin (Canada) Limited	OWEN SOUND	United States	Hydraulic cylinders
awson, G. A., Limited	WATERLOO	Canada	Engineered reinforced plastic products
hoenix Veneers Limited	MOUNT FOREST	Canada	Veneer dimensions for furniture
llar Plastics Limited	METROPOLITAN TORONTO	Canada	Extruded P.V.C. shapes
tman Manufacturing (Canada) Limited	METROPOLITAN TORONTO	United States	Truck-mounted cranes and platforms
plypenco Canada Limited	ACTON	United States	Extruded nylon
owassan Pallet Limited	POWASSAN	Canada	Pallets and skids
recision Valve Corporation (Canada) Limited	AJAX	United States	Aerosol valves
yramid Aggregates Limited	WINDSOR	United States	Quartz aggregates
CA Victor Company, Ltd.	MIDLAND	Canada	TV color picture tubes
aypak Thermonics (Canada) Limited	METROPOLITAN TORONTO	United States	Gas boilers
ed Rooster Sportswear Limited	CHARLOTTENBURGH TOWNSHIP	Canada	Men's and boys' outerwear

Company	Location	Origin	Product
Reese Products of Canada Ltd.	OAKVILLE	United States	Hitches and trailer accessories
Reliance-Reeves-Master Limited	PORT ELGIN	Canada	Transformers
Research Products Blankenship of Canada Limited	METROPOLITAN TORONTO	United States	Waterless incinerating toilets
Reuter-Stokes Canada, Limited	PRESTON	United States	Electronic equipment — neutron detectors
Rex Tool and Mould Limited	WINDSOR	Canada	Moulds for plastic industry
Reynolds and Reynolds (Canada) Limited	METROPOLITAN TORONTO	United States	Commercial business forms and systems
Roaken Industries Limited	KENORA	Canada	Fibre glass aircraft floats
Rossborough Canada Limited	MILTON	Canada	Fluxes
Royalty Designs of Florida (Canada) Limited	ELMVALE	United States	Vinyl plastics and toys
S. and M. Pizza Limited	ST. THOMAS	Canada	Pizzas
St. Mary's Cement Co., Limited	DARLINGTON TOWNSHIP (BOWMANVILLE)	Canada	Cement
Sceptre Musical Instrument Company Limited	HAMILTON	Canada	Guitars and electronic components
Schermerhorn Paint Products Inc.	LONDON	United States	Industrial and commercial paints
Schutte and Koerting Company (Canada) Limited	KITCHENER	United States	Industrial jet apparatus and flow instruments
Seeburn Metal Products Limited	BEAVERTON	Canada	Metal stampings
Shantz Processing Limited	1NGERSOLL .	Canada	Processed turkey
Sheridan Controls Limited	OAKVILLE	Canada	Hydraulic machine controls
Sherman Mines	TEMAGAMI	Canada	Iron ore pellets
Shetland/Lewyt (Canada) Limited	BRAMPTON	United States	Vacuum cleaners and floor polishers
Simon, S. I., Associates Limited	METROPOLITAN TORONTO	Canada	Control instruments and panels
Sta-Mac Industries Limited	WATERLOO	Canada	Steel rule cutting dies
Standard Television Products Limited	ELMIRA	Canada	Transformers; choke coils
Steel Company of Canada Limited, The	RED LAKE	Canada	Iron ore pellets
Steels and Busks of Canada Ltd.	GANANOQUE	United Kingdon	Corsetry fittings
Stratford Cabinet Manufacturing Company	GODERICH	Canada	Office desks
Swissway Machining Limited	METROPOLITAN TORONTO	Canada	Small precision parts
Sylvania Electric (Canada) Ltd.	CORNWALL	Canada	Color TV picture tubes
Technical Products (Cornwall) Limited	CORNWALL	Canada	Latex saturated papers
Ted's Tack Shop	STIRLING	Canada	Saddles, harnesses and leather vest
Tee Kay Apparel (Lakehead) Limited	FORT WILLIAM	Canada	Clothing
Thermon Canada Limited	METROPOLITAN TORONTO	United States and Canada	Heat transfer materials
Timber Preservers Limited	MIDLAND	Canada	Helical metal culvert
Trailex Manufacturing (Canada) Limited	METROPOLITAN TORONTO	Canada	Aluminum boat trailers
	TORONTO		

ompany	Location	Origin	Product
eblex Limited	TORONTO TOWNSHIP	Canada	Custom steel fabrication
renelek Manufacturing Company Limited	BRANTFORD	Canada	Drying ovens
urner Musical Instruments, Limited	METROPOLITAN TORONTO	United States	Electric organs and guitar amplifiers
nion Carbide Canada Limited	BRAMPTON	Canada	Non-woven products
nion Carbide Canada Limited	SARNIA	Canada	Gaseous and liquid nitrogen
nion Carbide Canada Limited	TORONTO TOWNSHIP	Canada	Wear-resistant coating for machined parts
alco Manufacturing Limited	WINDSOR	Canada	Material handling equipment
eneercraft Limited	WOODSTOCK	Canada	Veneer
/arner Brothers Company of Canada Limited, The	OTTAWA	United States	Foundation garments
/eldwood of Canada Limited	LONGLAC	Canada	Plywood
/elland Forge Limited	WELLAND	Canada	Closed die forgings
Velland Winery Limited	METROPOLITAN TORONTO	Canada	Bottled wine
/elland Winery Limited	NORTH GRIMSBY TOWNSHIP (WINONA)	Canada	Winery
/hitney, W. A., of Canada Limited	METROPOLITAN TORONTO	United States	Hydraulic power units for presses
/ilson and Cousins Co. Limited	BRAMPTON	Canada	Foundry
/indsor Pallet Manufacturers Limited	WINDSOR	Canada	Wooden pallets
oder Equipment Canada Limited	GEORGETOWN	United States and Canada	Roll forming equipment
ork River Industries Limited	BICROFT IMPROVEMENT DISTRICT (BANCROFT)	Canada	Washing machine components
urich Wood Products Limited	ZURICH	Canada	Wood products and "Maple Squares"

JOINT VENTURES

The following nine joint ventures were negotiated in Ontario during 1966. A joint venture is the uniting of Ontario industrialists or financial interests with persons, or companies, from misde or ourside the province who wish to have products manufactured in Onta through the formation of a jointly owned company.

Joint Venture	Location	Principals
Fahralloy-Wisconsin Limited Centrifugal castings and fabrication	ORILLIA	Wisconsin Centrifugal Inc. Wisconsin, U.S.A.
		Fahralloy Canada Limited Orillia
Keramchemie (Canada) Limited Industrial waste control equipment	METROPOLITAN TORONTO	Keramchemie Germany
		Duncan Mill Engineering Ltd. Metropolitan Toronto
Krueger Air (Canada) Limited Ventilation and grills	METROPOLITAN TORONTO	Krueger Manufacturing Co. Inc. Arizona, U.S.A.
		S .W. Fleming and Co. Ltd. Metropolitan Toronto
Muirhead Communications Limited	STRATFORD	Communication Apparatus Corporation Illinois, U.S.A.
		Muirhead Instruments Limited Stratford
Orenda Limited Jet engines	MALTON	United Aircraft Corp. Connecticut, U.S.A.
		Hawker Siddeley Canada Ltd. Malton
Permatex-Pep Limited Oils, sealants and adhesives	ORANGEVILLE	Permatex Co. Inc. Florida, U.S.A.
		J. C. Adams Co. Ltd. Metropolitan Toronto
Rubery Owen-Husco (Canada) Limited Valves and cylinders for material handling equipment	METROPOLITAN TORONTO	Hydraulic Unit Specialties Co. Wisconsin, U.S.A.
		Rubery Owen Canada Ltd. Metropolitan Toronto
Sigma Instruments (Canada) Limited Electronic industrial controls	METROPOLITAN TORONTO	Sigma Instruments, Inc. Massachusetts, U.S.A.
		Thermovolt Instruments Co. Ltd. Metropolitan Toronto
Yearbook House of Canada Limited Lithographers and printers of yearbooks	METROPOLITAN TORONTO	Yearbook House Missouri, U.S.A.
		Ashton-Potter Ltd. Metropolitan Toronto



LICENSING ARRANGEMENTS

Listed below are 123 licensing arrangements known to have been made by Ontario manufacturers in 1966, in their efforts to secure additional products.

Licens	see	Licensor	Product
1.	Aircraft Appliances and Equipment Limited Rexdale	Lear Siegler, Inc. Power Equipment Division Cleveland, Ohio	Aircraft voltage regulator, tachometer, generator
2.	Alderbrook Industries Limited Toronto	Pyramid Mills Co., Inc. Bessemer City, North Carolina	Line of satin sheen ornaments
3.	Allen Tank and Welding Co. Ltd. London	Valley Foundry and Machine Works Fresno, California	Method of fabrication of stainless steel tanks
4.	Allen Wood Products, Ltd. Fenelon Falls	A. G. Spalding and Bros., Inc. Chicopee, Massachusetts	Tinkertoy, Tinker Zoo, Toy Maker
5.	A. G. Anderson Ltd. London	Avnet Shaw Corp., Division of Avnet Electronics Corp. New York, N.Y.	Shaw casting process
6.	Arkay Machine Works Limited Woodstock	Motorenfabrik J. Warchalowski Paulugasse, Austria	Portable compressors, generators and welders
7.	Armstrong-Jones Limited Toronto	Kittell Muffler and Engineering Los Angeles, California	Industrial exhaust silencers
8.	Associated Tool and Mfg. Co. Ltd. Downsview	Alex Karapita Corner Brook, Newfoundland	Karapita intravenous suspension un
9.	Aurora Plastics of Canada Ltd. Rexdale	Walt Disney Character Merchandising Division Toronto	Zorro character
10.	Bate Chemical Corporation Ltd. Toronto	Hughson Chemical Co. Erie, Pennsylvania	Polyurethane resins
11.	Beller Steel Co. Ltd. Guelph	Antonio Valla and Co. Milan, Italy	3-wheeled mobile crane
12.	Black Clawson-Kennedy Ltd. Owen Sound	Continental Engineering Corporation New York, N.Y.	Water-tight doors and accessory equipment
13.	Bonomo Candy Division of Stuart House International Ltd. Weston	Bonomo Candy Division of Gold Medal Candy Corporation Brooklyn, New York	Candy
14.	Bridge and Tank Company of Canada Limited Hamilton	The Alliance Machine Company Alliance, Ohio	Steel mill cranes
15.	D. W. Brookfield Limited Cooksville	Custom Controls Company, Inc. Springfield, Pennsylvania	Capacitance type level controls
16.	Brown Brothers Ltd. Toronto	Hertzburg New Method Inc. Jacksonville, Illinois	Perma-bond hardback binding on paperbacks
17.	Building Products of Canada Limited Acton	Durapipe and Fittings Ltd. London, England	PVC pressure pipe fittings
18.	C. F. E. Products Limited Trenton	L. A. Rumbold and Co. Ltd. London, England	Aircraft passenger seats
19.	A. V. Caldwell Equipment Co. Ltd. Scarborough	Industrial Machine Company Cleveland, Ohio	Wireless microphone
20.	Canada Hair Cloth Co. Limited St. Catharines	Quick Service Textiles Inc. Chicago, Illinois	Ban-Rol waistband, interlining stiffener
21.	Canada Iron Foundries Ltd. Rexdale	Blaw-Knox Company Pittsburgh, Pennsylvania	Mill equipment for the basic meta industries

en	see	Licensor	Product
2.	The Canada Valve and Hydrant Company, Limited Kitchener	Ronald Fortune Hamilton, Ontario	Diaphragm valves
3.	Canadian General Electric Company Limited, Home Entertainment Division Toronto	Robin Bush Associates Ltd. Don Mills, Ontario	Stereo, TV and radio cabinets — instrumentation
4.	Canadian Krueger Machine Tools (Windsor) Ltd. Windsor	Walter P. Hill, Inc. Troy, Michigan	Numerical controlled machines
5.	Canadian Office and School Furniture Ltd. Preston	Robin Bush Associates Ltd. Don Mills, Ontario	Furniture
6.	Canadian Plastics Containers Ltd. Scarborough	Reflex Corp. of Canada Ltd. Windsor	Safety cap for plastic containers
7.	Caneng Manufacturing Company Ltd. Niagara Falls	P. A. F. Industries Ltd. Livonia, Michigan	Metering feeders and loaders
8.	Caneng Manufacturing Company Ltd. Niagara Falls	Ajax Electric Co. Philadelphia, Pennsylvania	Industrial salt bath furnaces and equipment
9.	ColFlo Process Limited c/o B. and K. Machinery International Limited, Toronto	Nikex Hungary	Special machinery for cutting material from rod or bar without scrap
0.	Compact Ladder Co. Ltd. Toronto	Montreal inventor	Compact rolling and folding scaffold
1.	Consumers Glass Company Limited Toronto	Reflex Corp. of Canada Ltd. Windsor, Ontario	Safety cap for glass containers
2.	Craft Wood Products Scarborough	Design Collaborative Ltd. Toronto, Ontario	Chair
3.	Creative Display Advertising Limited Don Mills	Streater Store Fixture Industries Division of Lytton Industries Minneapolis, Minnesota	Store fixtures
4.	Cutter Industries Ltd. Toronto	Mark Twain Marine Industries Inc. New London, Missouri	Fibreglass boats
5.	The Daymond Company Ltd. Chatham	Celanese Plastics Company Columbus, Ohio	Plastic fittings
6.	Plastics Division, Dominion Glass Co. Ltd. Etobicoke	Marrick Mfg. Co. Ltd. Woodley Airdrome Reading, England	Manufacturing of PVC containers by the Marrick process
7.	Dowty Equipment of Canada Limited Ajax	Hydro-Craft Incorporated Detroit, Michigan	Hydraulic reservoirs and pipe fittings
8.	Eagle Precision Tool Ltd. Brantford	Giddings and Lewis (Davis Division) Machine Tool Company Fond du Lac, Wisconsin	Boring tools
9.	Edgewood Furniture Limited Toronto	H. P. Doner Whitby, Ontario	Reclining chesterfield design
0.	Eico Canada Limited Brantford	Science Electronics Boston, Massachusetts	Educational teaching units
1.	Eldon Industries of Canada Limited Don Mills	Amsco Industries, Inc. Hatboro, Pennsylvania	Toys

Licens	see	Licensor	Product
42.	Filtro Electric Limited Orangeville	Endura Appliance Corp. Freeport, New York	Cordless electric knife
43.	S. W. Fleming and Co. Limited Scarborough	Axa Milan, Italy	Interlocking method for light met products
44.	Fluidizing Plastics Limited Rexdale	Polymer Corp. Reading, Pennsylvania	Fluidizing coating system
45.	Ford-Smith Machine Company Limited Hamilton	Hogart Manufacturing Wyandotte, Michigan	Tractor cab fenders
46.	Fromson Heat Transfer Ltd. Toronto	Dr. M. Leva Pittsburgh, Pennsylvania	Film trays for vacuum distillation towers
47.	Gaco Products Limited Brantford	Industrial Plastic Fabricators, Inc. Norwood, Massachusetts	Plastic anti-corrosion processing systems
48.	W. J. Gage Limited Scarborough	Newton Mill Limited London, England	Stationery products
49.	Hawker Siddeley Canada Ltd. Milton	Captain International Industries Ltd. Vancouver, British Columbia	Vending and refrigeration unit for motel rooms
50.	Hayward Gordon Limited Toronto	Chemineer, Inc. Dayton, Ohio	Irrigation pumps
51.	House of Braemore Downsview	Schnadig Corporation Chicago, Illinois	Upholstered furniture, chairs
52.	John Inglis Company Limited Toronto	Whirlpool Corp. Benton Harbor, Michigan	Refrigeration equipment
53.	Krebs Cyclones of Canada Toronto	E. L. Bateman Johannesburg, South Africa	Dust collectors
54.	Labatt's Ontario Breweries Limited Toronto	Skol International Limited Hamilton, Bermuda	Skol International beer
55.	Ladish Co. of Canada Ltd. Brantford	Hyde Badger Products Division of Bath Iron Works Wakefield, Massachusetts	Expansion joints
56.	S. F. Lawrason Company Ltd. London	Presstite Division Martin-Marietta Corporation St. Louis, Missouri	Sealing compounds
57.	Lisle Instrument Systems Ltd. Toronto	Electrical Remote Control Co. Ltd. Harlow, England	Industrial control equipment
58.	Thomas Mains Ltd. Dunnville	Polymer Corp. Reading, Pennsylvania	Fluidizing coating system
59.	Marshall Industries Limited Rexdale	Polymer Corp. Reading, Pennsylvania	Fluidizing coating system
60.	McInnis Conveyors Limited Windsor	Evans Enterprises Inc. Massillon, Ohio	Billet unscramblers
61.	McInnis Conveyors Limited Windsor	Granco, Inc. Grand Rapids, Michigan	Aluminum billet furnaces, aging ovens, quench tanks
62.	Mercury Varnish Company Limited St. Catharines	Teknos-Tehtaat Oy Helsinki, Finland	Visa wood preserver

Chemical analysis at Sheridan Park Research Community.



Licen	see	Licensor	Product
63.	Micmac Industrial Products Guelph	Western Research Lab. Cleveland, Ohio	Rust removal products
64.	Miller Equipment Co. of Canada Limited Trenton	Maritime and Industrial Services Ltd. Liverpool, England	Nylon pipe slings
65.	Monahan Supply Corp. Toronto	Fabriken Nike AB Mariestad, Sweden	Heat Pak car cushion and Heat Pak mattress
66.	Muirhead Instruments Limited Stratford	Canadian Patents and Development Limited Ottawa, Ontario	Permanent magnetic clutch Probe microphone with horn coupling Weigh scale for unstable mounting
67.	Munro Games Limited Burlington	E. S. R. Inc. Montclair, New Jersey	Digital computer game
68.	Neon Products of Canada Limited Scarborough	Spanish individual Spain	Mechanized sign system
69.	The Northern Paint and Varnish Co. Ltd. Owen Sound	Steelcote Mfg. Co. St. Louis, Missouri	Specialty paints for steel
70.	Ontario Yachts Oakville	Vandestadt McGruer Ltd. Owen Sound, Ontario	Spindrift class wooden sailboats
71.	Park Avenue Wear Ltd. Elmira	Welch, Margaretson and Co. Ltd. London, England	Men's shirts
72.	Parkinson Cowan (Canada) Ltd. Chatham	Charmglow Products Inc. Antioch, Illinois	Outdoor gas lamps and gas barbecues
73.	G. A. Pawson Ltd. Waterloo	Fibertron Corp. Cedarburg, Wisconsin	Sealed storage silo
74.	Pfaudler-Permutit Canada Limited Scarborough	Wilmot Castle Company Rochester, New York	Hospital equipment
75.	Phoenix Manufacturing Company Division of R. and W. Holdings Ltd. Milton	Polymer Corp. Reading, Pennsylvania	Fluidizing coating system
76.	Plastiglide Limited Downsview	Charles Banks Hanover, Ontario	Locator plate for furniture
77.	Port Weller Dry Docks Limited St. Catharines	Burmeister and Wain AG Copenhagen, Denmark	Rebuild and repair diesel engines
78.	Port Weller Dry Docks Limited St. Catharines	M. A. N. Augsberg, Germany	Servicing diesel engines
79.	Port Weller Dry Docks Limited St. Catharines, Ontario	Trygve Thune Oslo, Norway	Oil recovery unit
80.	Power-Pak Products Canada Ltd. Scarborough	Breeze Corporations, Inc. Union, New Jersey	Hose clamps
81.	Progressive Welder (Canada) Limited Chatham	Resistance Welding Corp. Bay City, Michigan	Electric resistance welding machine
82.	W. C. Pursley Limited Cooksville	Power-Strut Inc. Framingham, Massachusetts	Hangers and brackets
83.	Pyle-National (Canada) Ltd. Clarkson	Erdco Engineering Corporation Addison, Illinois	Toxic and explosive gas detection equipment

cen	see	Licensor	Product
84.	Raytheon Canada Limited Waterloo	Transistor Devices Mount Taber, New Jersey	Solid state power supplies
85.	Raytheon Canada Limited Waterloo	Airborne Instruments Laboratory Division of Cutter Hammer Inc. Deer Park, New York	Specialized electronic equipment
86.	Reliable Toy Co. Limited Toronto	Empire Plastics Tarboro, North Carolina	Plastic toys
87.	Reliable Toy Co. Limited Toronto	Kohner Bros. Inc. New York, N.Y.	Toys
88.	Reliable Toy Co. Limited Toronto	Leonis Company El Segundo, California	Plush animals
89.	Reliable Toy Co. Limited Toronto	Marlin Toy Products Inc. East Paterson, New Jersey	Plastic toys
90.	Reliable Toy Co. Limited Toronto	Edward L. Mobley Co. Wadsworth, Ohio	Toys
91.	Reliable Toy Co. Limited Toronto	Molded Products Inc. Maple Plains, Minnesota	Rid-em spring horses
92.	Reliable Toy Co. Limited Toronto	Uneeda Doll Co., Inc. New York, N.Y.	Doll
93.	Reliable Toy Co. Limited Toronto	Volkswagen Canada Ltd. Toronto	Volkswagen pedal car
94.	Richards-Wilcox Company London	The Bilco Co. New Haven, Connecticut	Line of specialty service doors
95.	Richards-Wilcox Company London	Phenix Manufacturing Company Milwaukee, Wisconsin	Fiberglass aluminum overhead doors
96.	Safety Supply Manufacturing Company Toronto	Canadian Patents and Developments Ottawa	Saf-T-Earmuff noise protector
97.	Safety Supply Manufacturing Company Toronto	Fyrepel Products Inc. Newark, Ohio	Fire entry suit
98.	Safety Supply Manufacturing Company Toronto	Willson Products Reading, Pennsylvania	Safety goggles
99.	Sarco Canada Limited Toronto	Adsco Division Yuba Consolidated Industries Inc. Buffalo, N.Y.	Metallic expansion joints
00.	Scale Models Cooksville	Kewaune Technical Furniture Co. Statesville, North Carolina	Modular museum exhibit case
01.	Scantrade International Ltd. Toronto	Smith Metal Arts Inc. Buffalo, New York	Canadian desk accessories
02.	Service Truck Cushion Ltd. Toronto	AB Be-Ge Karosserifabrik Oskarshamn, Sweden	Drivers' seats for trucks, buses, etc.
03.	Shepherd Casters Canada Ltd. Don Mills	Micro and Precision Moulding Ltd. Cheltenham, England	Moulded nylon latches and catches



ensee		Licensor	Product
)4. Simon-Carve Toronto	es Ltd.	Bartlett-Snow-Pacific Inc. San Francisco, California	Sewage incineration plants
5. Slimlite Lim Scarborough		Klaus Esser KG Dusseldorf, West Germany	Skylights for daylighting and flat roofs; also roof draining and sealing products
6. Sovereign V Division of E Richmond H	Vater Conditioners Butler Metal Products Hill	Herrmidifier Company Incorporated Lancaster, Pennsylvania	Humidifying equipment
7. The Steel Co	ompany of Canada Limited	Toyo Kohan Co. Ltd. Tokyo, Japan	Chemical process using chromate
8. M. D. M. Sw Waterford	arfega Canada Ltd.	Deb Chemicals Proprietories Limited Belper, Derbyshire, England	Industrial cleaning products
9. Takna Ltd. Toronto		The Winston Group Toronto, Ontario	Furniture
0. Temprite Inc Rexdale	dustries	Disco Air Curtains, Ltd. Detroit, Michigan	Air curtain doors
1. Thompson (Gananoque	Canada) River Co. Ltd.	Alfred Honsel Frondenberg/Ruhr West Germany	"Fero" rivets
2. 3-L Filter Co Galt	mpany	Filters Incorporated San Jose, California	Filters and filter separators
3. Toronto Gea	ar Works	Uniroyal (1966) Ltd. Montreal, Quebec	Timing belt pulleys
4. Trailex Man Scarborough	ufacturing (Canada) Ltd. n	Trailex Inc. Canfield, Ohio	Aluminum trailer
5. Tribar Indus Toronto	stries Limited	Muni-Quip Corporation Decatur, Illinois	Radar timer
6. Tribar Indus Toronto	stries Limited	Tempo Instruments Inc. Plainview, New York	Solid state timer
7. Tridon Man	ufacturing Limited	Plastiline Inc. Pompano Beach, Florida	Plastic pipe fittings for electrical and plumbing use
8. Universal Pa	ackaging Products Ltd.	Western Controls Ltd. Toronto, Ontario	Control panels for imported machine tools
9. Volta Welde Windsor	ers Limited	Zamboni, Inc. Los Angeles, California	Machines for cleaning and resurfacing the ice in skating rinks
0. E. J. Ward L Scarborough		Clayborne Mfg. Co. Monticello, Indiana	Automotive engine test stands
	nce Equipment Ltd.	Robin Bush Associates Ltd. Don Mills, Ontario	Laboratory furniture
2. Wix Corpora	ation Limited	The Hilliard Corporation Elmira, New York	Industrial filters
3. Woodruff St Welland	eel Ltd.	Aer-O-Flo Mfg. Ltd. Hamilton, Ontario	Sewage disposal units

Tartan and Plaid

A series of unique licensing arrangements was also completed in 1966. Rotex Limited of Toronto, creators of the Maple Leaf, Ontario, and Niagara Falls tartans and the Quebec plaid, licensed eight Ontario companies to use one or more of these designs in their products. The licensees are:

Biltmore Hats Limited, Guelph Craft Sportswear Limited, Toronto E. H. Ferree Company Limited, Niagara Falls Louis Fischl Glove Company Limited, Prescott John Forsyth Co. Limited, Kitchener Highland Queen Sportswear Limited, Toronto Holiday Sportswear Manufacturing Company, Toronto Top Fine Clothing Co. Limited, Toronto

Hespeler

TRADE SHOWS

4 wide range of Ontario-made products were exhibited in 1966 at five major international trade shows, exhibitions and fairs under an accelerated promotion campaign. The shows and participating companies:

British Toy Fair, Brighton, England • January 30 - February 3, 1966

Aurora Plastics of Canada Limited, Rexdale Daisy Manufacturing Company of Canada Limited, Preston Fisher Price Toys Canada Limited, Orangeville

A. C. Gilbert of Canada Limited, Payrell Limited, Burlington Toronto Mercury Tool and Stamping Limited, Earle Pullan Company Limited, Rexdale Toronto Munro Games Limited, Preston Manufacturing Limited,

International Household Goods and Hardware Fair, Cologne, West Germany • March 3 - 6, 1966

Burlington

Boyd-Crane Manufacturing Limited, Downsview Canadian Aquarium Supply Company Limited, St. Thomas Gilson Manufacturing Company Limited, Guelph

Hardy-Glenwood Products, Barrie Kelvinator of Canada Limited, London McDermott Metal Products Limited, Toronto Omark Industries of Canada Limited, Guelph

Payne Manufacturing Company Limited, Toronto Reynolds Extrusion Company Limited, Toronto Rustic Wood Canada Limited, Owen Sound

International Heating, Ventilating And Air Conditioning Exhibition (HEVAC), London, England • April 14 - 22, 1966

A. C. Wild Limited, Weston Claire Brothers Limited, Preston Hallmac Limited, Hespeler Keeprite Products Limited, Brantford Leigh Metal Products Company, London Siegler Corporation of Canada Limited, Metalbestos Manufacturing Company Orillia Limited, Brockville Thomas K. Webster, Ottawa S. A. Armstrong Limited, Toronto W. Olsen International Limited, Tilbury

International Furniture and Wondworking Supply Fair, Louisville, Kentucky . September 17 - 21, 1966

Cadillac Lumber and Building Products Creators (Canada) Limited, Limited, Maple Canada Casters Limited, Woodstock Collins and Aikman Limited, Stratford

Woodstock Curvply Wood Products, Orono Stema Wood Products, Weston

Thompson Heyland Lumber Limited, Burk's Falls Waterloo Spring Company Limited, Kitchener

North British Building Trades and Regional Development Exhibition, Glasgow, Scotland . November 18 - 26, 1966

Abitibi Panel Products Limited, Toronto D.H.I. Limited, Brampton A. C. Wild Limited, Weston A. S. Nicholson and Son Limited, Burlington Beadex Drywall Specialties Limited, Rexdale Building Products of Canada Limited, Montreal Canadian Johns-Manville Company Limited, Port Credit

Foam Form Canada Limited, Oakville Acmetrack Limited, Rexdale Alumicolor Limited, Weston Alumicor Limited, Scarborough Hallmac Limited, Hespeler Jacobs and Thompson Limited, Weston Keeprite Products Limited, Brantford Lloyd-Truax Limited, Wingham Mott Manufacturing Limited, Brantford Tilbury

Amerock Limited, Meaford Armstrong Pumps Limited, Toronto Reff Plastics Limited, Weston Siegler Corporation of Canada Limited, Soffit Systems of Canada, Napanee The Daymond Company Limited, Chatham W. H. Olsen International Limited,

International Trade Show Information Booths

International Samples Fair, Milan, Italy April 14 - 25, 1966 Hannover Trade Fair, Hannover, West Germany April 30 - May 8, 1966 International Furniture and Woodworking Supply Fair, Louisville, Kentucky, September 17 - 21, 1966

The Canadian Chemical and Equipment Show, Toronto September 19 - 21, 1966 Food Processing and Packaging Show, Parma, Italy September 24 - October 2, 1966

Special Trade Promotions

Canada Week, Cortina, Italy January 4, 1966 Timber Frame Housing Display, Cumbernauld, Scotland May 19, 1966

Presentation of Ontario-made Fashions, Miami, Florida May 21, 1966 Women's Fabric Fair, Windsor, Ontario September 24 - October 2, 1966

PLANT EXPANSIONS

The 391 additions to plants in Ontario in 1966 were valued in excess of \$389,000,000. These expansions resulted in at least 15,500 new jobs, and added some 14,000,000 square feet of production capacity.

Company	Location
AP Parts Corporation (Canada) Limited, The	METRO TORONTO
Abco Wood Products	METRO TORONTO
Abex Industries Canada Limited	HAWKESBURY
Abitibi Power and Paper Company Ltd.	STURGEON FALLS
Adams, J. C., Company Ltd.	ORANGEVILLE
Advanced Car Specialties Ltd.	METRO TORONTO
Advance Floor Machine Co. Canada Limited	METRO TORONTO
Al-Brite Products Limited	KITCHENER
Alcan Building Products, Siding Division	METRO TORONTO
Alchem Limited	BURLINGTON
Algoma Steel Corporation Limited	SAULT STE. MARIE
Allan Bedding Co. Ltd.	METRO TORONTO
Allis-Chalmers, Rumely, Ltd.	GUELPH
Aluminum Company of Canada Limited	KINGSTON
Amerock Limited	MEAFORD
Amphere Electric Limited	ST. CATHARINES
Amphenol Canada Limited	METRO TORONTO
Amplifone Canada Ltd.	BELLEVILLE
Anaconda American Brass Limited	METRO TORONTO
Andrew Antenna Company Limited	WHITBY
Angus, George, (Canada) Limited	METRO TORONTO
Appleford Paper Products — Division of Brown, Forest Industries Limited	HAMILTON
Artex Concrete Limited	MAPLE
Atlas Polar Company Limited	METRO TORONTO
Audio Transformer Company Limited	WATERLOO
Automatic Screw Machine Products Jimited	METRO TORONTO
Babcock, J. H., and Sons Limited	METRO TORONTO
Baird, A. G., Limited	METRO TORONTO
3aldwin Piano Co. (Canada) Ltd.	METRO TORONTO
Balthes Farm Equipment Mfg. Ltd.	TILLSONBURG

Company	Location
Barlow Tool and Machine Limited	HAMILTON
Barnes, Wallace, Co. Ltd.	BURLINGTON
Barrday Limited	GALT
Barton Tubes Limited	BURLINGTON
Basic Structure Steel Fabricators Ltd.	WELLAND
Bauer's Limited	WATERLOO
Bay Trim And Accessories Limited	MIDLAND
Beamer and Lathrop Limited	HAMILTON
Becton, Dickinson and Son, Canada, Ltd.	CLARKSON
Bekaert, Robert, Mach. and Tool Repair	СНАТНАМ
Birchland Veneer Limited	THESSALON
Bissell Limited	NIAGARA FALLS
Black Clawson-Kennedy Ltd.	OWEN SOUND
Bliss, E. W., Co., Of Canada Ltd.	GEORGETOWN
Blue Mountain Pottery Limited	COLLINGWOOD
Bonato Cabinets	WINDSOR
Borden Chemical Company (Canada) Limited, The	METRO TORONTO
Bowmanville Foundry Co. Limited	BOWMANVILLE
Bowser, S. F., Company Limited	HAMILTON
Bracebridge Manufacturing	BRACEBRIDGE
Braun, A. J., Manufacturing Limited	KITCHENER
Bright Canning Co. Ltd.	NIAGARA FALLS
British Drug Houses (Canada) Ltd., The	METRO TORONTO
Britton Machine and Welding Ltd.	GUELPH
Brown Fintube (Canada) Limited	ST. THOMAS
Brown Forest Industries Limited	ESPANOLA
Burndy Canada Limited	METRO TORONTO
Caland Ore Company	ATIKOKAN
Can-Eng Manufacturing Company Limited	NIAGARA FALLS
Canada Cabinets and Furniture Limited	WATERLOO
Canada Case Co. Ltd.	BRIGHTON

Company	Location
Canada Foundries and Forgings Limited	WELLAND
Canada Iron Foundries Limited	HAMILTON
Canada Machinery Corporation, Limited	GALT
Canada Metal Company Limited — Metal Powder Division	OAKVILLE
Canada Wire Cable Company Limited — Magnet Wire Division	SIMCOE
Canadian Admiral Corp'n Ltd.	METRO TORONTO
Canadian Automotive Trim Division	AJAX
Canadian Blue Bird Coach Ltd.	BRANTFORD TWP.
Canadian Canners	AMHERSTBURG
Canadian Carborundum Company	NIAGARA FALLS
Canadian Chromalox Company, The	METRO TORONTO
Canadian Crittall Metal Window Limited	METRO TORONTO
Canadian Gasket Co. Limited	FORT ERIE
Canadian General Electric Co. Ltd.	COBOURG
Canadian Flight Equipment Co. Limited	TRENTON
Canadian Industries Ltd.	COPPER CLIFF
Canadian Motorola Electronics Company	METRO TORONTO
Canadian Ohio Brass Company Ltd.	NIAGARA FALLS
Canadian Pneumatic Tool Co. Ltd.	METRO TORONTO
Canadian Stackpole Limited	METRO TORONTO
Canadian Tampax Corporation Ltd.	BARRIE
Canadian Timken — Division of the Timken Roller Bearing Company	ST. THOMAS
Canadian Westinghouse Company Limited	HAMILTON
Centrifugal Coaters Limited	OAKVILLE
Centri-Spray (Canada) Limited	WINDSOR
Challet Artistic Glass Ltd.	CORNWALL
Chrysler Canada Limited	WINDSOR
Clark Equipment of Canada, Ltd.	ST. THOMAS
Clay, T., Manufacturing Ltd.	STRATFORD

Company	Location
Collingwood Shipyards (Division of Canadian Shipbuilding and Engineering Limited)	COLLINGWOOD
Collis Leather Company Limited, The	AURORA
Columbian Carbon (Canada) Ltd.	HAMILTON
Connolly Marble, Mosaic and Tile Co. Limited	METRO TORONTO
Consumers Glass Company Limited	METRO TORONTO
Cook Bros. Milling Co. Ltd.	HENSALL
Counselor Products Ltd.	METRO TORONTO
Court Industries Limited	ST. CATHARINES
Crawford Fitting (Canada) Ltd.	NIAGARA FALLS
Croven Limited	WHITBY
Curran & Briggs Ready-Mix Limited	OSHAWA
Curtis Products Limited	COBOURG
Daisy Manufacturing Co. of Canada Limited	PRESTON
Darling And Company of Canada Ltd.	СНАТНАМ
De Havilland Aircraft of Canada Limited, The	METRO TORONTO
Dick, A. B., Company of Canada, Ltd.	METRO TORONTO
Dickinson, Walter, and Co. Ltd.	METRO TORONTO
Dixie Cup Company (Canada) Limited	BRAMPTON
Dobbie Industries Limited, The	GALT
Dominion Bridge Company Limited	MT. DENNIS
Dominion Cellulose Limited and Facelle Company Limited	METRO TORONTO
Dominion Envelope Company Limited	METRO TORONTO
Dominion Simplicity Patterns Limited	METRO TORONTO
Domtar Newsprint Limited	RED ROCK
Driam Pipe (Canada) Ltd.	RICHMOND HILL
Duncan Lithographing Co. Limited	HAMILTON
Dundas Foundry Co. Ltd.	BRANTFORD
Du Pont of Canada Limited, Whitby Works	WHITBY
Durable Equipment Limited	METRO TORONTO
Durose Welding Ltd.	GUELPH

Location
EARLTON
NIAGARA FALLS
LONDON
WALLACEBURG
STIRLING
PORT MAITLAND
WATERLOO
ST. THOMAS
METRO TORONTO
OSHAWA
СНАТНАМ
СНАТНАМ
ST. THOMAS
LONDON
AURORA
WINDSOR
ORILLIA
METRO TORONTO
HAMILTON
ST. CATHARINES
NIAGARA FALLS
GEORGETOWN
TAVISTOCK
METRO TORONTO
WOODSTOCK
OSHAWA
TILLSONBURG
WINDSOR
HAMILTON
GUELPH
WELLAND

Company	Location
Fram Canada Limited	STRATFORD
Freeway Washers Ltd.	METRO TORONTO
French Ivory Products Ltd.	METRO TORONTO
Galtex Co. Limited	GALT
General Hitch of Canada	CHATHAM
General Freezer Limited	WOODBRIDGE
General Impact Extrusions (Manufacturing) Ltd.	METRO TORONTO
General Motors of Canada Limited	OSHAWA
General Motors Diesel Limited	LONDON
General Refractories Company of Canada Limited	SMITHVILLE
General Wire and Cable Co. Ltd.	COBOURG
Georgian Flooring and Wood Products Ltd.	OWEN SOUND
Gilbey, W and A, (Canada) Limited	METRO TORONTO
Glendale Spinning Mills Limited	HAMILTON
Globe Mills Limited	MEAFORD
Gluckin, Wm., and Co. Canada Ltd.	METRO TORONTO
Goodrich, B. F., Of Canada Ltd.	KITCHENER
Gorgi, A., Masonry Limited	GUELPH
Graves Bros. Ltd.	KINGSTON
Great Lakes Paper Company Limited	FORT WILLIAM
Green Giant of Canada Limited	WINDSOR
Gregory Fastener Ltd.	METRO TORONTO
Gustin-Kramer Company of Canada Limited	METRO TORONTO
Hamilton Pre-Cast Stone Co.	HAMILTON
Hanes of Canada Ltd.	METRO TORONTO
Hanson Machines Limited	WOODSTOCK
Hardifoam Products Limited	METRO TORONTO
Harding Carpets Limited	BRANTFORD
Harper Method Canada Limited	NIAGARA FALLS
Hart Chemical Ltd.	GUELPH
Hartley Foundry Division — McLean Bessemer Ind. Ltd.	BRANTFORD

Company	Location
Hartline Toronto Limited	METRO TORONTO
Harth Tool and Die	GALT
Harvey Woods Limited	WOODSTOCK
Haun Drop Forge Co. Ltd.	WELLAND
Havlick, J., Enterprises	PRESTON
Hellerman Canada Ltd.	AGINCOURT
Hepburn, John T., Limited	METRO TORONTO
Hinspergers' Harness and Tent Company Limited	PORT ARTHUR
Hobart Manufacturing Company Limited, The	OWEN SOUND
Holland Hitch of Canada Limited	WOODSTOCK
Holly's Anodizing Service Limited	METRO TORONTO
Holophane Company, Limited, The	METRO TORONTO
Horton Steel Works, Limited	FORT ERIE
Howden, James, and Parsons of Canada Limited	METRO TORONTO
Hygrade Containers Limited	METRO TORONTO
Hyster Canada Limited	METRO TORONTO
Ideal Woodworking Co. Ltd.	METRO TORONTO
Indalex Limited	METRO TORONTO
Indiana Steel Products Co. of Canada Ltd., The	KITCHENER
Industrial Adhesives Limited	METRO TORONTO
Interchem, Presstite Limited	GEORGETOWN
International Business Machines Company Limited	METRO TORONTO
International Malleable Iron Co. Limited	GUELPH
Jacques, Walter, E., and Sons Limited	HAMILTON
Jaeger Machine Company of Canada Ltd.	ST. THOMAS
Jamesway Company Limited	PRESTON
Jelinek Sports Limited	OAKVILLE
Johnson Lures Ltd.	BROCKVILLE
Junior Footwear Limited	MARKDALE
Kaiser Aluminum Company, Division ot Kaiser Aluminum and Chemical Canada Limited	METRO TORONTO

Company	Location
Kawneer Company Canada Limited	METRO TORONTO
Kelk, George, Limited	METRO TORONTO
Kellogg, W. K., Company of Canada Limited	LONDON
Kendall Co. (Can.) Ltd., The	METRO TORONTO
Kerr Brother Limited	METRO TORONTO
Kert Manufacturing Co. Ltd.	METRO TORONTO
Kilian Manufacturing Limited	METRO TORONTO
Kinney Shoes of Canada Limited	METRO TORONTO
King Metal Products Limited	WOODSTOCK
Kirkland Lake Machine and Welding Limited	TECK TWP.
Kitchen Installations Limited	MIDLAND
Kraft Foods Ltd.	CHARLOTTENBURGH
Kralinator Filters Limited	PRESTON
L. and L. Tools	BOWMANVILLE
La France Textiles Canada Limited	WOODSTOCK
Lake Ontario Steel Company Limited	WHITBY TWP.
Lakeside Grain and Feed Limited	FOREST
Larsen and Shaw Limited	WALKERTON
Lawson, McMullen, Victoria Limited	OTTAWA
Lefneski Construction Ltd.	GUELPH
Leigh Instruments Limited	CARLETON PLACE
Lennox Industries (Canada) Limited	METRO TORONTO
Lewis-Howe Company	WINDSOR
Libby Manufacturing Company Limited	WINDSOR
Lily Cups Limited	METRO TORONTO
Lincoln Canning Company	ST. CATHARINES
Liquid Carbonic Canadian Corporation Limited	METRO TORONTO
Lubrizol of Canada Limited	NIAGARA FALLS
Mack Trucks Manufacturing Company of Canada Limited	OAKVILLE
Mansfield-Denman General Ltd. (Tire Division)	BARRIE
Martin, G. W., Lumber Limited	DYSART



minal Building at Toronto International Airport is the first of three such ctures planned to serve ever-increasing numbers of travellers.

Company	Location	
Milano Bakery Ltd.	METRO TORONTO	
Mobil Paint Company	METRO TORONTO	
Monarch Marking System Limited	METRO TORONTO	
Moore Instrument Co. Ltd.	METRO TORONTO	
Morgan Adhesives of Canada Limited	BRAMPTON	
Morrison-Lamothe Bakery Limited	OTTAWA	
Muirhead Engineering Limited	METRO TORONTO	
McCormick's Limited	LONDON	
McDonald Welding Limited	OAKVILLE	
McFarlane and Sons, W. J., Ltd.	FOREST	
McKinnon Industries Limited — Windsor Plant	NAPANEE	
Nash Engineering Co. of Canada Ltd.	BURLINGTON	
National Auto Radiator Mfg. Co. Ltd.	WINDSOR	
Natweld Steel Products Limited	METRO TORONTO	
Neo Chrome Limited	HAMILTON	
New Surpass Petrochemicals Limited	METRO TORONTO	
Newman Structural Steel Limited	WELLAND	
Niagara Structural Steel Co. Ltd.	ST. CATHARINES	
Nickleson Tool and Die Company Limited	WINDSOR	
North American Plastics Ltd.	WALLACEBURG	
Northern Electric Company Limited	CHINGUACOUSY TWP.	
Northern Plywoods Limited	NIPIGON	
Northland Machinery Supply Company, Limited	FORT WILLIAM	
Oaks, J. D., and Son Ltd.	GUELPH	
Ontario Culvert and Metal Products, Ltd.	WATERLOO	
Ormerod Brothers Ltd.	DUNDAS	
Otis Elevator Company Limited	HAMILTON	
Outboard Marine Corporation of Canada Limited	PETERBOROUGH	
Pacific Plating Ltd.	METRO TORONTO	
Page-Hersey Works	WELLAND	
Pakfold Continuous Forms Ltd.	NIAGARA FALLS	
Pattern Matchplate Company Ltd.	METRO TORONTO	

Company	Location
Peebles Products Limited	CORNWALL
Perkins Engines Canada Limited	METRO TORONTO
Phoenix Paper Products Limited	METRO TORONTO
Pigment and Chemical Company, Limited	MILTON
Plasticast Limited	WINDSOR
Playtex Limited, Playtex Park	ARNPRIOR
Polymer Corporation Limited	SARNIA
Poole, J. E., Company Limited	BURLINGTON
Power, C. J., Automatic Tools Ltd.	AJAX
Pre-Con Murray Ltd.	BRAMPTON
Pringle and Booth Limited	METRO TORONTO
Procor Limited	OAKVILLE
Procter and Gamble Company of Canada, Limited, The	HAMILTON
Professional Bowling Service Limited	RICHMOND HIL
Progressive Food Service Equipment Limited	METRO TORONTO
Pullmax (Canada) Limited	OAKVILLE
Pure Metal Tinning Co. Ltd.	METRO TORONTO
Queen City Bedding Company Ltd.	METRO TORONTO
RCA Victor Company Ltd.	OWEN SOUND
RCA Victor Company Ltd.	PRESCOTT
Red-D-Mix Concrete Limited	ST. CATHARINES
Redi Set Business Forms Limited	METRO TORONTO
Regina Products Canada Limited	WELLAND
Rich Products of Canada Ltd.	FORT ERIE
Rinshed-Mason Co. of Canada, Ltd.	WINDSOR
Riverside Poultry Ltd.	LONDON
Roberts Company Canada Limited	BRAMALEA
Robertson-Irwin Limited	HAMILTON
E. S. and A. Robinson (Canada) Limited	METRO TORONTO
Rock Drill Rod Co. Limited	METRO TORONTO
Roelofson Elevator Company, Div. of Montgomery Elevator Co. Limited	METRO TORONTO
Rohm and Haas Company of Canada Limited	METRO TORONTO

empany	Location
Flark Cheque Service Ltd.	CARLETON PLACE
othmans of Pall Mall Canada Limited	METRO TORONTO
wika Industries Limited	MIDLAND
Abbermaid (Canada) Ltd.	COOKSVILLE
lada Foods Limited	ALLISTON
msonite of Canada Limited	STRATFORD
nders, L. J. R., Company Ltd.	GALT
Inderson Binding Limited	METRO TORONTO
ss Manufacturing Ltd.	СНАТНАМ
epter Manufacturing Company nited	METRO TORONTO
witzer Corporation of Canada nited	STRATFORD
ripto of Canada Limited	METRO TORONTO
away Plate and Structural Steel nited	WELLAND
bastian De Lorenzis Custom Furn.	GALT
cord Industrial Sales Limited	HAMILTON
tter Bros. Limited	FORT ERIE
eldons Engineering Limited	GALT
ulton of Canada Limited	METRO TORONTO
verwood Dairies Limited	LONDON
nclair and Valentine Co. Canada Ltd.	HAMILTON
nclair and Valentine Co. of Canada	METRO TORONTO
nith, A. O., International	STRATFORD
nith, E. D., and Sons Limited	SALTFLEET TWP.
nith Bros. Motor Bodies Limited	METRO TORONTO
nco Tube Ltd.	BRAMPTON
vereign Potters Limited	HAMILTON
arton of Canada, Limited	LONDON
aebler and Baker Limited	GANANOQUE
afford Foods Limited	HAMILTON
andard Refractories Ltd.	BURLINGTON
andard Tube and T. I. Limited	WOODSTOCK

Company	Location
Stark Electronic Instruments Ltd.	AJAX
Steadman Industries Limited	METRO TORONTO
Steel Company of Canada Limited, The	GANANOQUE
Steel Company of Canada Limited, The	HAMILTON
Steel Company of Canada Limited, The	TORONTO
Steep Rock Iron Mines Limited	ATIKOKAN TWP.
Stirling Lumber Limited	STIRLING
Storrar Limited	OSHAWA
Stuart House International Ltd.	METRO TORONTO
Sunshine Biscuits (Canada) Limited	WINDSOR
Superior Machine and Tool (Chatham) Limited	СНАТНАМ
Swift Canadian Co., Limited	METRO TORONTO
TCF of Canada Limited	CORNWALL
Tavistock Union Cheese and Butter Ltd.	TAVISTOCK
Taylor Associates	HAMILTON
Taymouth Industries Limited	METRO TORONTO
Telso Products Ltd.	TILBURY
Texas Instruments Incorporated	RICHMOND HILL
Therm-O-Disc (Canada) Limited	ST. THOMAS
Thomas Built Buses of Canada Ltd.	WOODSTOCK
Thomas Buff and Brush Company Limited	HAMILTON
Thompson (Canada) Rivet Co. Ltd.	GANANOQUE
Thompson-Heyland Lumber Ltd.	BURKS' FALLS
Timberjack Machines Ltd.	WOODSTOCK
Timex of Canada Limited	METRO TORONTO
Toronto Heel Limited	DUNDAS
Toronto Iron Works Limited	METRO TORONTO
Toronto Iron Works Ltd., The — Central Bridge Division	TRENTON
Toronto Steel Fabricators	METRO TORONTO
Trenton Dyeing and Finishing Co. Ltd.	TRENTON
Trident Industries Ltd.	WATERLOO



Company	Location
Inifin Division, Keeprite Products imited	LONDON
Inion Carbide Canada Ltd.	WELLAND
'ibro-Acoustics Limited	METRO TORONTO
'ictaulic Company of Canada Limited	METRO TORONTO
Varren Bros. Limited	ST. CATHARINES
Vaterloo Manufacturing Company, imited, The	WATERLOO
/ean-McKay of Canada Limited	GALT
Veatherhead Co. of Canada Limited	ST. THOMAS
/eil-McLain (Canada) Limited	BRAMALEA
Velland Iron and Steel Company imited	WELLAND

Company	Location
Welmet Industries Limited	WELLAND
Westek Plastics Ltd.	METRO TORONTO
White Die Casting Co. Ltd.	DUNDAS
White Mop Wringer Co. of Canada Limited	PARIS
Wiens Screw Products Limited	BURLINGTON
Williamhouse (Ontario) Limited	MARKHAM
Wood, W. C., Co., Ltd., The	GUELPH
Wood Fans (Canada) Ltd.	MARKHAM TWP.
Wright Folding Box Limited	DUNDAS
Yarway Canada Ltd.	GUELPH
York Gears Limited	METRO TORONTO

DEPARTMENT

OF

ECONOMICS

AND

DEVELOPMENT

950 Yonge Street Toronto 5, Ontario

Minister:

Hon, Stanley J. Randall

Deputy Minister: Stuart W. Clarkson

Administration Branch

Mrs. Anne Cameron, director

Trade and Industry Branch

P. A. York, P.Eng., director D. E. Holland, deputy director W. H. Richardson, Ontario Food Council

Information Services

D. W. Beeney, director

Special Projects and Planning

J. W. Ramsay, director

Immigration

A. S. Clark, director

Ontario Development Corporation

Alan Etchen, managing director

Ontario Economic Council

W. H. Cranston, chairman

Women's Advisory Committee

Mrs. Lilah Lymburner, chairman

Office of the Chief Economist

H. I. Macdonald, chief economist

Economic Planning Branch

D. W. Stevenson, director

Federal-Provincial Affairs Secretariat

D. W. Stevenson, acting co-ordinator

Economic Analysis Branch

T. M. Russell, director

Applied Economics Branch

O. M. Schnick, director

Ontario Statistical Centre

Dr. K. Cheng, director

Regional Development Branch

R. S. Thoman, director

Foreign Offices

Düsseldorf

Senior Industrial Counsellor: R. H. Stapleford 11 Flinger Str. Düsseldorf, West Germany

Milan

Senior Industrial Counsellor: Dr. A. W. Santamaura 25/A F. Filzi Street, 9th Floor Milan, Italy

New York

Senior Industrial Counsellor: F. E. R. Mooney 680 Fifth Avenue, Room 1302 New York, N.Y. 10019

Chicago

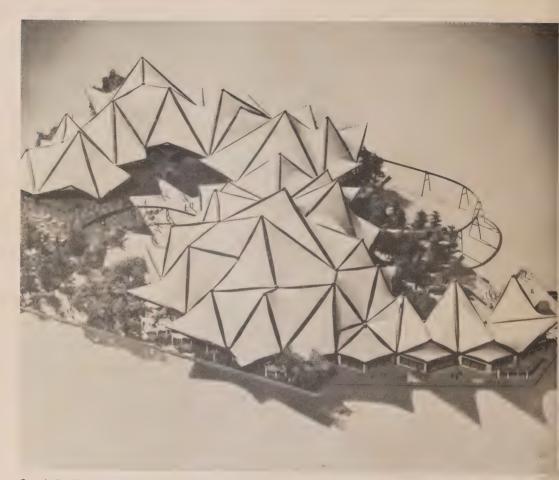
Senior Industrial Counsellor: W. D. Timmerman 11 East Adams Street Chicago, Ill. 60603

London

Senior Industrial Counsellor: W. T. Thompson

Director of Agricultural Branch: E. F. Marritt Ontario House 13 Charles II Street London, S.W. 1, England





Ontario Pavilion at Expo 67.



Ontario Industrial Review 1967



ONTARIO
Department
of Trade
and Development
950 Yonge Street
Toronto 5, Ont.

Minister: Hon. Stanley J. Randall

Deputy Minister: Stuart W. Clarkson

The Department of Economics and Development was renamed the Department of Trade and Development in April 1968. In a najor reorganization program, the ormer Office of the Chief conomist was transferred to the Intario Treasury Department Finance and Economics). Its esearch staff is organized in two najor divisions — a Policy Planning ivision and an Economic and tatistical Services Division. The urvey of the Ontario Economy in 967 and the chapter, A Look head, were prepared for the idustrial Review by economists the Policy Planning Division.

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In 1967 Ontario celebrated more than Canada's first 100 years. The province rejoiced at its traditions, its institutions, its progress and its future. Ontario faces the future with the best balanced economy of all the Canadian provinces. It now accounts for some four-fifths of the nation's fully manufactured export goods and for large shares of Canada's financial, power, mineral, agriculture and forest resources. Economically speaking, Ontario is one-third of Canada. In 1967 value of goods and services produced in the province totalled almost \$25,000,000,000, a 7.8 per cent increase from 1966. Half this increase represented price increases, but Ontario's 3.7 per cent real economic growth was more than 1 per cent higher than the national average. Exports from Ontario made up some 90 per cent of Canada's total increase n exports in 1967.

The automotive industry, chiefly located in Ontario, surpassed wheat and orest products as Canada's number one export industry. A potential increase in the gross provincial product of more than 8 per cent

s forecast for 1968.

More than 5 per cent of this should come about through an expansion of

production, as opposed to increases in prices.

The 1967 Ontario Industrial Review summarizes our new and continuing rade and development efforts. During the year 132 major new manufacturing plants opened in Ontario, representing investment exceeding \$91,143,500. In further 262 companies expanded their manufacturing facilities significantly. It the same time, a total of 125 licensing arrangements were made by Ontario companies in their efforts to extend product lines or introduce new processes, while 14 companies entered joint ventures with other companies or the same purposes.

o further stimulate export sales, 170 Ontario companies took part in 19 lepartment-sponsored sales missions in 1967 to 16 countries. These ompanies initially sold products valued at \$40,205,712, and millions more repeat orders. And 353 buyers from other countries were brought to be province and put in touch with Ontario manufacturers. The promote Ontario's industrial and investment opportunities, its roducts and engineering services, plans were launched in 1967 for the appointment of mobile Ontario commercial representatives in a number

f strategic world trade areas.

fforts to encourage improved productivity, expand capital investment, btain skilled immigrants, strengthen existing industry, and equalize idustrial opportunity throughout the province are outlined in the Industrial eview. So are programs to encourage better design techniques and reater industrial research.

ntario's progress during the first 100 years of Confederation mirrors anada's economic growth from a raw materials supplier, to a highly applisticated manufacturer. The past, however, is but a prologue. And what prologue is promising.

hile the future is not without its challenges, in store for Ontario in the years nead is meaningful growth on an unprecedented scale: more profits. (pansions, opportunities, jobs, and higher living standards for all

d. J. Kamenee

The Ontario Economy In 1967

Continued prosperity best describes Ontario's economic performance in

Once again the province was one of the leading growth areas in Canada, contributing in large measure to the gains enjoyed in the national economy. Gross provincial product – total value of goods and services produced – rose to \$24,900,000,000 in 1967, from \$23,100,000,000 the previous year. This represented more than 40 per cent of Canada's gross national product.

Ontario's rate of economic growth was 7.8 per cent in 1967, exceeding Canada's increase of about 7 per cent. Ontario outperformed the nation in real growth too, advancing by 3.7 per cent as opposed to Canada's gain of approximately 2.5 per cent.

Price increases accounted for 4.1 per cent in Ontario and 4.5 per cent in Canada. These increases emanated mainly from the service and government expenditure sectors.

Two outstanding sources of economic strength were evident in 1967. One was exports, particularly automotive exports to the United States. During this third year of the Canada-United States agreement on automotive products, the value of motor vehicle exports was 10 times greater than in 1964, the year before the agreement came into effect.

Ontario, which accounts for almost all of the nation's automotive producers, understandably derived immense benefit from this export fillip. Sales of automotive products to the U.S. pushed total Canadian exports beyond \$10,250,000,000, the ambitious target set for the year. In terms of annua change the increase was 10.5 per cent. This took place despite a sizeable cut in wheat exports.

The other source of strength was Expo 67. While the focal point of activity was Montreal, numerous tourists from the U.S. and abroad took the occasion to travel and explore other parts of Canada. Ontario received an estimated \$600,000,000 in tourist revenues.

Tourist dollars flowed in all across the country, sharply cutting Canada's usually large adverse balance in its international tourist account. Service industries, notably retail trade, wholesale trade and transportation, enjoyed particularly large gains for the duration of Expo.

An additional measure of Ontario's success was the population growth in 1967. By the end of the year, population was an estimated 7,252,000 about 174,000 more than at the beginning of the year.

Aside from the natural increase, this represented the addition of 117,000 immigrants, more than half of the total to Canada. These same immigrant were instrumental in pushing Ontario's labor force up by 115,000 to a new high of 2,834,000.

Unfortunately, there were all too few gains of the dimensions enjoyed fror exports and Expo. Ontario—like the other provinces, the U.S., and most industrial nations—advanced at a slower pace than in preceding years. The expansion which began in 1961 showed definite signs of lost momentum giving rise to weaknesses in several important areas of the economy.

This loss of momentum actually began in mid-1966, after a period in whic Canada's economy made unprecedented—and unsustainable—forwar



Control pulpit, Hamilton steel m

Exports and Expo strengthen the year's performance



	1966	1967
Atlantic Provinces	\$ 1,370	\$ 1,385
Quebec	10,250	10,455
Ontario	19,400	19,900
Prairie Provinces	2,860	2,900
British Columbia	3,100	3,140
Total Canada	\$ 36,980	\$ 37,780

Estimated manufacturing shipments

In millions

strides. The inevitable re-adjustment began at about the same time as the ederal government introduced tax measures and spending cuts to curb he inflationary pressures associated with the investment boom.

These developments had the unfortunate effect of restraining the private goods sector - a sector which never had been an important source of price ncreases, except for temporary and unrelated increases in certain food tems. Weakened markets for consumer goods (partly due to the already poor housing picture), consequent flagging productivity, and rising labor costs, all contributed to the erosion of corporate profits. This situation ontinued on into 1967, with output barely advancing a scant two or three percentage points. It was further aggravated as the capital investment noom, deliberately dampened by federal government policy, lost almost all if its steam throughout the rest of 1966 and 1967.

Residential construction, one of the critical areas already experiencing ifficulties from lack of mortgage funds, declined even further until part ray through 1967. Interest rates - tied closely to developments in the U.S. which were affected by Vietnam war requirements), and to the influence of overnment spending (still rising rapidly) - continued to climb toward ecord high levels.

his situation persisted through most of 1967, as the expansionary forces of ormer years grew weaker and weaker. Several measures to alleviate the nounting housing shortage were undertaken in the year. These included ne raising of NHA mortgage rates to attract more funds into residential onstruction, and the early introduction of a direct lending program by the entral Mortgage and Housing Corporation.

he Ontario government HOME program also helped ease the situation. Ithough Ontario's housing starts were one-third higher than in 1966, the tal barely equalled the level of 1965, and left much more still to be done. hile housing activity started to climb after a few months in 1967, industrial nd commercial construction was lower. Strikes in the construction industry elped aggravate the situation. A weak consumer market for autos and other onsumer durables compounded the difficulties facing steel producers, ho cut production from 1966.

vailable evidence of developments in the latter half of 1967 indicates that espite rising investment in inventories, there was no improvement in the te of advance in the Canadian economy. Factors pointing to this included eclining business investment in plant and equipment, a tapering off of busing starts (due to the absence of a fall program of direct CMHC loans builders), the closing of Expo, and reduced wheat exports. Auto producon and exports, however, turned upward at the end of the year.

ne of the most common measures of the state of the economy is the rate

part of the same o	
1966	1967
\$ 216	\$ 198
660	622
1,363	1,336
166	194
397	297
\$ 2,802	\$ 2,647
	\$ 216 660 1,363 166 397



New capital investment manufacturing

In millions 5

of unemployment. Ontario's 1967 cumulative average climbed slowly t 3.1 per cent of the labor force, after remaining at 2.5 per cent in the tw previous years. The Canadian rate rose from 3.6 per cent to 4.1 per cent in spite of some notable gains then, there was a decided change and slowin in the pulse of the economy in 1967. What remains to be seen is whether this trend will be reversed in 1968, or whether it will continue.

Manufacturing

The strains evident in the economy in 1967 probably had the greatest in pact on manufacturing – particularly consumer durables. The housin decline was already a source of difficulty for manufacturers. Adding to thi and the problems of rising labor costs, fiscal and monetary measures aime at containing price increases struck hard at manufacturing – even though was not the main source of price increases.

Inventory investment consequently was very weak throughout the first ha of the year, worsening the situation which had developed toward the end of 1966. Only in the latter half of the year was there a noticable upward shifti this form of investment. The slackened pace of manufacturing create excess capacity—adversely affecting productivity, and consequent corporate profits. The one element buoying up manufacturing was the bright export market for several products. The bulk of this support came from automotive exports to the U.S., a factor which despite declining domestic auto sales at home led to a 5 per cent increase in the total number of motor vehicles produced. This number rose from 902,000 units in 196 to 947,000 in 1967. Passenger car production totalled 721,000, up 2. per cent from 1966's 702,000. Commercial vehicles, at 226,000 units were 12.9 per cent higher than in 1966.

There is little doubt that the Canada-United States auto pact was the sustaining force in 1967, and for that matter was instrumental in Ontario economic success since its inception in 1965. As a result of its stimulating

Estimated value of Ontario factory shipments, manufacturing

		•			
	1961 \$ Million	1966 \$ Million	1967 \$ Million	Percenta; 1967/66	ge Change 1967/61
NON-DURABLES					
Foods and beverages	\$ 2,071	\$ 2,967	\$ 3,087	4.0	49.1
Tobacco products	141	200	230	15.0	63.1
Rubber products	252	418	436	4.3	73.0
Leather products	142	207	200	-3.4	40.8
-Textile products	330	510	510	n.c.	54.5
-Knitting mills	> 90	110	(1t 105	-4.5	16.7
Clothing	198	270	258	-4.4	30.3
Paper and allied products	788	1,087	1,125	3.5	42.8
Printing, publishing and allied industries	464	613	643_	4.9	38.6
Petroleum and coal products	386	530	553	4.3	43.3
Chemicals and products	/ 861	1.321	1,355	2.6	57.4
Miscellaneous manufacturing	396	667	728	9.1	83.8
Total Non-Durables	\$ 6,120	\$ 8,900	\$ 9,230	3.7	50.8
DURABLES					
Wood products	\$ 176	\$ 255	\$ 255	n.c.	44.9
Furniture	173	281	290.	3.2	67.6
Primary metals	1,153	1.780	1,705	-4.2	47.9
Metal fabricating	876	1,654	1,565	-5.4	78.7
Machinery	503	1,070	1,085	1.4	115.7
Transportation equipment	1,406	3,410	3,730	9.4	165.3
Electrical products	833	1,510	1,540	2.0	84.9
Non-metallic mineral products	325	540	500	-7.4	53.8
Total Durables	\$ 5,444	\$10,500	\$10,670	1.6	96.0
Total Ontario Manufacturing	\$11,564	\$19,400	\$19,900	2.6	72.1
Total Canadian Manufacturing	\$23,439	\$36,980	\$37,780	2.2	61.2
Ontario as a percentage of Canada	49.3	52.5	52.7		

effect on manufacturing, Ontario's position with respect to total Canadian manufacturing output improved. In the early 1960's Ontario accounted for 50 per cent of Canada's total manufacturing shipments. By 1967 this percentage had edged up to 52.7 per cent. The accompanying table shows the extent of changes in Ontario's manufacturing shipments, both from 1961 and 1966.

The 2.6 per cent increase in Ontario's manufacturing shipments in 1967. while considerably lower than the near 10 per cent increase the previous year, was nevertheless consistent with the generally lower gains experienced by the other provinces. The estimated value of shipments was \$19,900,000,000, compared with \$19,400,000,000 in 1966. Increases were greater in non-durable manufacturing, where the over-all gain was 3.7 per cent. Durables, sustained principally by the advance in transportation equipment, climbed 1.6 per cent.

In the non-durables group, the leading industry was tobacco products, with a gain of 15 per cent resulting from a good tobacco crop and growing markets. Aside from miscellaneous manufacturing, which advanced over 9 per cent, most other industries experienced gains of about 4 or 5 per cent. The broad clothing and textiles group declined as a result of weakened markets and stronger competition, particularly from Asian producers.

As already noted, durables were sustained principally by automotive production. No other industry came close to matching this performance, Indeed, furniture, electrical products and machinery were the only ones to record even small gains of 1 to 3 per cent. Producers of non-metallic mineral products were seriously affected by the decline of non-residential construction. Heavily oriented toward the production of building materials, they suffered a cutback of more than 7 per cent in shipments.

The decline in construction also affected primary metals production, which were down more than 4 per cent. Total Canadain steel production was 3,554,000 tons, 2.6 per cent lower than the 9,814,000 tons produced in 1966. Metal fabricating declined 5.4 per cent.

Despite the weaknesses experienced by some industries, evidence of underlying strength can be seen in the growth since 1961. In 1967, two ndustries - transportation equipment and machinery producers - recorded values well over double those of 1961. Other approaching gains of 100 per cent were electrical products, metal fabricating and rubber products.

oreign Trade

Despite a considerably reduced volume of wheat sales, exports were once gain a major driving force in the nation's economy during 1967. Canada ucceeded in reaching and surpassing its record export target of ;11,250,000,000 - a gain of more than 10 per cent over 1966.

lainly responsible for this gain was the dramatic 50 per cent rise in exports of inedible end products - fully manufactured non-food products. This was ue to increased automotive exports, the direct result of the Canada-U.S. uto pact. These exports doubled from 1966 to 1967.

ince the start of this agreement in 1965, auto exports have been a major 1fluence in Canada's over-all trade. Motor vehicle exports represented a cant 16 per cent of inedible end product exports in 1964. Today they repreent 55 per cent.

intario, which in 1965 accounted for one-third of Canada's total exports, as played a crucial role in the rise in foreign sales. In 1966, the province as responsible for one-half of the increase in exports. In 1967, Ontario ccounted for over 90 per cent of the annual increase, obviously due to the

	1967	1968
tlantic Provinces	1,979	1,995
uebec	5,833	5,910
ntario	7,078	7,252
rairie Provinces	3,391	3,438
ritish Columbia	1,927	1,990
otal Canada	20,252	20,630



Aircraft manufacturing, Downsview.

Estimated population January 1 1967/1968

In thousands 7



Mineral production

In millions

fact that the bulk of Canada's manufacturing output originates in the province.

The particularly large increase in automotive exports has meant that sales to the U.S. have risen substantially. The annual percentage increase in Canada's automotive exports to the U.S. was almost double Canada's 10 per cent rate of increase in total exports. Sales to the United Kingdom and all other countries barely rose above the level of the previous year.

Exports of other commodities presented a very different picture: lumber increased slightly, newsprint declined fractionally and other paper products exhibited only small gains, though wood pulp exports were somewhat higher. Iron ore and crude nickel rose a few percentage points.

Commodities exhibiting sharper gains included crude petroleum, natural gas, petroleum and coal products and copper. Some finished products (other than automotive), including selected general and agricultural machinery, communications equipment and aircraft and parts, were also considerably higher in 1967.

Imports increased rather sharply from 1966 to 1967, though their 8 per cent gain was not quite as large as the gain in exports. Purchases from the U.S., valued at \$8,000,000,000 (about three-quarters of the total for al countries), once again dominated, rising by more than 10 per cent.

As in the case of exports, the dramatic rise in inedible end products, itselpushed up as a result of automotive trade, was responsible for the bulk of the annual gain. Imports from the U.K. declined by 3.5 per cent, in large measure due to British dock strikes which affected a major portion of Britain's foreign sales. Purchases from all other countries were up only about 3 per cent.

As a result of the growth in exports and imports, Canada's export trade balance rose to \$537,000,000, more than double the size it had been in 1966.

Mineral Production

After experiencing a 3.5 per cent decline in 1966, Ontario's mineral production in 1967 soared 24.5 per cent, passing the \$1,000,000,000 mar for the first time. Output in the province's mining industry rose t \$1,192,800,000 in 1967, 27.9 per cent of Canada's \$4,273,800,000 tota This nearly 25 per cent gain was almost double the 13 per cent increas recorded by the second highest growth area, the Prairie provinces. Canadas a whole expanded its mineral production by 11 per cent.

The value of nickel production was once again larger than for any sing metal, as production rose 31.7 per cent from \$269,500,000 in 1966 \$354,900,000 in 1967. Copper, the second ranking metal, experienced 33 per cent gain in volume and a 42 per cent gain in value, rising \$256,700,000.

In comparison, iron ore (the next ranking metal) increased fro \$91,700,000 to \$95,200,000 almost totally due to increased volume. The most spectacular gain among the leading metals was in zinc production where the volume rose from 164,800,000 lbs. to 545,500,000 lbs., and to value more than tripled from \$24,900,000 in 1966 to \$79,000,000 in 196 Because of a 10 per cent decline in its production, gold dropped in rank fifth place. This represented the sixth consecutive year of decline for the ailing gold industry, which has been squeezed by rising costs and a fixe price. Uranium production also declined – this time by 8.2 per cent. It value dropped from \$42,800,000 in 1966 to \$39,200,000 in 1967.

	1966	19
Atlantic Provinces	\$ 422	\$ 4
Quebec	763	7:
Ontario	958	1,1
Prairie Provinces	1,375	1,5
British Columbia	331	3
Total Canada	\$ 3,849	\$ 4,2

Private and public investment in Ontario, 1966 and 1967*

	1														
		In Millions													
•	CAPITAL E			EXPENDITURES 1966			CAPITAL EXPENDITURES 1967				3 1967	PERCENTAGE CHANGE 1967/66			
Primary industries and	st	Con- ruction		achinery and uipment		Total		Con- ruction		chinery and sipment		Total	Con- struction	Machinery and equipment Per Cent	Total
construction industry	\$	179.3	\$	304.3	\$	483.6	\$	171.9	\$	308.9	\$	480.8	- 4.1	1.5	-0.6
Manufacturing	\$	387.5	\$	975.4	\$1	,362.9	\$	337.4	\$,335.7		2.3	-2.0
Utilities	\$	413.1	\$	390.9	\$	804.0	\$	468.3					13.4	16.8	15.0
Trade, finance and commercial services Housing	\$	287.5		250.4	т_	537.9		331.5	\$	284.5	\$	616.0		13.6	14.5
Institutional services and	\$	875.5	-		\$	875.5	\$	908.4		_	\$	908.4	3.8		3.8
government departments	\$	929.8	\$	121.2	\$1	,051.0	\$1	,060.9	\$	133.7	\$1	,194.6	14.1	10.3	13.7
Total	\$3	,072.7										,460.2		6.8	6.8
*1966 data preliminary actual	10	67		16					-	,	70	,	5.7	0.0	0.0

966 data preliminary actual, 1967 revised forecast.

The over-all gain in metals for the year was 31.5 per cent, bringing the total value up to \$962,900,000 – higher than total production of all minerals in 1966. Representing over 80 per cent of the total value for 1967, metals were the major factor in the year's over-all gain.

Though non-metals rose 17 per cent in 1967, the fact that they represent less than 3 per cent of total production has meant that this has had only a small impact upon the over-all picture.

Fuels, even smaller in relative size, declined from \$10,200,000 in 1966 to \$9,800,000 in 1967, a drop of 3.9 per cent.

The structural materials group was significantly larger than the two previous groups, recording a slightly reduced value of \$191,400,000 in 1967. Though sand, gravel and stone rose somewhat, declines in clay products, cement and lime wiped out these gains.

Retail Trade

Total sales at the retail level held up reasonably well in 1967, in some measure due to the influx of tourists and small increases in prices. Retail putlets reported sales of \$8,900,000,000, a gain of 5.1 per cent. Though not as high as the 6.1 per cent gain of the previous year, this was nevertheess quite substantial in view of the decline in the market for consumer furables. Of the various types of business included in retail trade statistics, he sharpest gain for the year was recorded in variety stores, a relatively small group which has ranked high not only in Ontario but also throughout nost of Canada. The increase in this group was over 11 per cent.

here was wide disparity among the major types of retail business in Ontario n 1967. Grocery and combination stores, which have grown consistently as he population has expanded, advanced just over 5 per cent, almost the ame as the year before. Department store sales, increasing at a rising rate hroughout most of the year, ended with an over-all annual gain of more han 7 per cent – considerably better than the 5.7 per cent gain recorded in 966.

he only category which declined from the previous year was motor vehicle ealers, the second largest of all groups in terms of total sales. After a weak ear in 1966 when sales barely advanced, this group actually declined by lmost 1 per cent in 1967.

lost other groups enjoyed increases of between 5 and 8 per cent, with fuel ealers, service stations and garages, hardware and shoe stores among the ading groups. Clothing stores once again averaged a gain of about 5 per ent, slightly below the average for all types of business.

he weakness in consumer durables, already evident in motor vehicles, iso appeared in sales of furniture, television, radio and household applinces. These increased just more than 3 per cent – down substantially from the 10.7 per cent gain enjoyed in 1966. Food stores other than grocery, and ombination stores, also showed a substantial reversal, dropping from a ain of over 9 per cent in 1966 to under 2 per cent in 1967.



Retail sales

In millions

	1966	196
Atlantic Provinces	\$ 1,799	\$ 1,89
Quebec	5,708	6,107
Ontario	8,437	8,87
Prairie Provinces	3,765	4,01
British Columbia	2,399	2,54
Total Canada	\$22,108	\$23,43

Agriculture

In spite of heavy rainfalls in July in the western and central regions o Ontario and below normal August temperatures in Southern, Western and Northern Ontario, field crop yields generally held up well in 1967. Yield: per acre rose substantially from 1966 in oats, barley, mixed grain, flaxseed buckwheat and hay crops. Declining yields were recorded in winter wheat rye, soybeans and potatoes.

In terms of total yields, major advances were made in barley, which rose 17.4 per cent from 11,200,000 bushels in 1966 to 13,200,000 bushels in 1967; mixed grain, up 11.3 per cent from 40,900,000 bushels to 45,500,000 bushels; and shelled corn, up 11.5 per cent from 64,800,000 bushels to 72,300,000 bushels. Despite a nearly 11 per cent reduction in oat acreage oat production was down only 1.2 per cent from 1966. Potato production dropped 26.6 per cent during the same period.

Ontario's flue-cured tobacco crop was estimated at 210,600,000 lbs. slightly below the record 1966 crop of nearly 215,000,000 lbs. Although the yield per acre was down, the quality of the crop was much higher than in the previous year.

Fruit production in 1967 was generally lower than the previous year du largely to poor weather conditions in Western Ontario. In spite of a substantial increase in apple production in Eastern and Northern Ontario, poor year in Western Ontario resulted in an over-all provincial decline c 6 per cent.

Other fruits were down as well, including plums and prunes, sweet cherries peaches and pears. Total plums and prunes, down 41 per cent, experience the sharpest decline. Sour cherries increased approximately 75 per cerfrom the previous year's rather poor crop. Raspberries, strawberries an grapes were also up.

Some vegetable crops including processing tomatoes, sweet table corr lettuce, and bunching onions, were somewhat larger than in 1966. Celery green and wax beans, and radishes were lower. Asparagus showed little change.

Average prices received by farmers for farm products were generally better than in 1966 for most products. The estimated total value of fruits increase by about 5 per cent, and that of vegetables by about 10 to 12 per cent.

In livestock, the price of good steers at Toronto increased from a range (about \$24.50 to \$27.50 per hundredweight in 1966 to a range of abou \$26.50 to \$29.00. There was a slight decline in the number marketed. Ho prices (dressed, No. 1) dropped from about \$42 to \$33 in the same period Volume increased approximately 17 per cent.

Developments in agriculture produced an estimated gross value of fari production of \$1,400,000,000 in 1967, over 8 per cent higher than in 1966

Forest-Based Industries

Only isolated gains were recorded in the forest-based industries in 196 a direct result of weakened U.S. demand for pulp and paper and a gener slowdown in construction activity in both Canada and the U.S. Value production remained close to the level of the previous year, while over-? volume was down slightly from the record level of 1966.

Because of rapidly rising capacity in the newsprint industry and slow rising demand, a condition of surplus capacity appeared during the year



	1966	1967
Atlantic Provinces	\$ 1,169	\$ 1,323
Quebec	3,490	3,287
Ontario	5,115	5,460
Prairie Provinces	3,099	3,458
British Columbia	2,023	2,065
Total Canada	\$14,896	\$15,593

Exports to the U.S. suffered because of increased production in that

Whereas Canadian newsprint capacity utilization was 95 per cent in 1966, it declined to 87 percent in 1967. Rated capacity in Ontario, approximately 2,000,000 tons in 1966, rose to more than 2,100,000 tons, while output declined from 1,801,000 tons to an estimated 1,740,000 tons. Consumption in Ontario rose 5.5 per cent to an estimated 210,000 tons in 1967.

To ease the oversupply situation, production cutbacks were put into effect by a number of mills at various times throughout the year. In response to rising production costs, newsprint prices were increased at mid-year by \$3.00 a ton, equal to approximately 2 per cent of the domestic price and less than the price increase recorded in the previous year.

The value of shipments in the pulp and paper industry was an estimated \$638,000,000, up just more than 1 per cent from 1966. Paper (other than newsprint) and paperboard production was up 25,000 tons from the 1,275,000 tons recorded in 1966. Wood pulp production dropped from 3,589,000 tons to 3,559,000 tons in the same period.

Pulpwood consumption rose only fractionally, from 340,000,000 cubic feet of roundwood in 1966 to an estimated 346,000,000 cubic feet in 1967. Because of low levels of construction activity, lumber production declined from 773,000,000 board feet in 1966 to an estimated 735,000,000 board feet.

New Capital Investment

The year 1967 saw the investment boom of recent years give way to only modest increases in investment outlays. This contributed to a weaker economic situation throughout the nation. Canada's total private and public nvestment rose only 4.7 per cent from 1966 to 1967, considerably less han the approximately 15 per cent gains of the three preceding years. Of he \$15,600,000,000 invested, approximately two-thirds-a total of \$9,700,000,000 - was in the form of construction. The remaining 5,900,000,000 was for machinery and equipment. Private investment, exclusive of investment by government, actually grew at a somewhat lower ate in Canada. When the high levels of government investment are deducted, the resulting private investment reflects a growth rate of only 1 or 2 per cent. All of this gain came on the strength of a comparatively good performince in the first quarter of 1967, compared with the corresponding period

n total private and public investment, Ontario actually outperformed the est of Canada, increasing its total capital outlays by 6.8 per cent, compared o 3.6 per cent for all other provinces. While such provinces as Nova Scotia, New Brunswick, Manitoba and Alberta substantially increased their capital

	1966	1967
Atlantic Provinces	6.4	6.6
Quebec	4.7	5.3
Intario	2.5	3.1
Prairie Provinces	2.1	2.3
British Columbia	4.5	5.1
otal Canada	3.6	4.1

New capital investment

In millions



Regional unemployment rates

Percentage of labor force 11



Ontario's GO-Transit system, sponsored by the provincial government, provides rapid commuter service in the heavily populated Pickering-Toronto-Hamilton area. The 60-mile service, first of its kind in North America, went into operation in 1967.

expenditures, the 6 per cent decline in Quebec (undoubtedly related to the completion of Expo construction) brought the Canada-excluding-Ontario rate down a considerable degree. The Page 9 table on Ontario's capital expenditure by industry group indicates that the major weakness occurred in the manufacturing industries group, which declined 2 per cent from 1966. This was due to a small gain in the relatively larger machinery and equipment component, and a 13 per cent decline in construction. The decline in manufacturing investment was actually smaller than in all other regions of Canada except the Prairie provinces, which showed a fairly large increase. One large manufacturing group, transportation equipment, experienced a 6 per cent decline in 1967, mainly as an aftermath of the heavy construction activity which came with the start of the Canada-United States agreement on automotive products. Chemicals and chemical products, another large group, also declined.

The chemicals decline, of about one-fifth, was evident both in construction and investment in machinery and equipment. Investment in primary metals rose 6 per cent in 1967, mainly on the strength of new and expanded production facilities in areas around Sudbury and Timmins.

Manufacturing industries experiencing considerable gains in capital expenditure were petroleum and coal products (up 28 per cent), rubber (up 14 per cent) and machinery (up 10 per cent). Those which showed rather sizeable declines were clothing and knitting mills, wood industries, furniture and fixtures, metal fabricating industries, and producers of chemicals and chemical products. The remaining manufacturing industries were generally slightly below the levels set in 1966.

In the broad groups outside of manufacturing there were notable increases in capital outlays in utilities, in trade, finance and commercial services, and in institutional services and government departments. Capital outlays by Ontario Hydro of well over \$200,000,000 helped increase investment in utilities, while greater expenditures on universities, schools and hospitals were largely responsible for the rise in the last group. Primary industries and the construction industry declined fractionally from the previous year. The major area of concern in Ontario in 1967 was investment in housing. The persistent absence of adequate mortgage funds combined with rising housing costs continued to hold back residential building activity.

While the number of dwelling unit starts in urban centres of 10,000 population and over climbed one-third higher than the low number of starts recorded in 1966, the total did not reach the 60,000 starts registered in 1965.

The value of private and public investment in housing, after having risen 9.1 per cent in 1966 to a value of \$876,000,000, (due both to the large carryover of house building begun in 1965 and to rising prices), advanced to \$908,000,000 in 1967. This was a gain of only 3.8 per cent.

Essentially, the reason for the lower gain in housing investment in 1967, despite a higher number of starts that year, was the absence of a large carryover at the end of 1966. While there were 54,000 units under construction at the end of 1965, at the end of 1966 the number was only 35,000. By the end of 1967, after residential building had experienced several good months in the middle of the year, the number of units under construction had returned to more than 40,000.

The strong advances in late spring and summer, which were in response to a special spring program of direct CMHC loans, soon fell back when the federal government cancelled the usual fall program. Completions in 1967, at slightly more than 50,000, were still substantially less than the 61,000 completions of 1966.

Wages and salaries

In millions

	1966	1967
Atlantic Provinces	\$ 1,843	\$ 1,980
Quebec	7,517	8,245
Ontario	11,635	12,700
Prairie Provinces	3,928	4,360
British Columbia	3,123	3,420
Total Canada	\$28,125	\$30,823

By the end of 1967 the cumulative value of residential building permits issued in Ontario was almost one-quarter higher than in 1966. Permits issued for other types of construction were in marked contrast to this. Industrial and commercial permits, for instance, were one-third and one-quarter lower respectively than the year before. Institutional and government building permits issued, however, were about 10 per cent ahead of 1966. As a result the value of total building permits issued in Ontario in 1967 was up only a few percentage points from 1966.

Employment

Because of the slackened pace of activity in the economy in 1967, many of the extreme pressures on the tight labor market were reduced. However, the demand for professional and managerial personnel, though somewhat reduced, still remained relatively strong.

Growth in the Ontario labor force was quite pronounced in 1967, rising from 2,719,000 in 1966 to 2,834,000, a gain of 4.2 per cent. This increase of 115,000 surpassed even the substantial 1966 increase of 105,000.

Employment unfortunately did not expand as fully as the labor force. In 1967 the number employed rose 3.6 per cent to 2,745,000, up 95,000 from the previous year. The number of unemployed rose from 69,000 to 39,000, increasing the unemployment rate from the very low 2.5 per cent level of the two immediately preceding years to 3.1 per cent in 1967. Employment, in effect, reflected the slowing of the economy throughout the year. Persons entering the labor force totalled 115,000—60,000 men and 55,000 women. Of the 95,000 additional jobs filled, however, 50,000 were filled by women and only 45,000 by men. This brought the 1967 labor force distribution to approximately 68.1 per cent male and 31.9 per cent menale. Of the total number employed, 67.9 per cent were male, and 32.1 per cent female.

mployment surveys of larger firms in various Ontario industries indicate hat the greatest increase in employment was in service industries, though good gains were also recorded in retail trade, as well as finance, insurance and real estate. The continuing upward trend in employment in these industries, all of which employ a larger-than-average proportion of women, accounts for the greater increase in female employment during 1967.

imployment in manufacturing and construction showed very little change during the year, a reflection of the difficulty the two industries have experienced. Employment in forestry declined in 1967, also a reflection of the general level of activity in that industry.

n comparison with the rest of Canada, however, Ontario's employment picture was quite good. While the labor force in Ontario rose 4.2 per cent, all other provinces combined it was up 3.4 per cent. Employment rose 2.9 per cent outside Ontario, compared with 3.6 per cent in the province. This produced an unemployment rate of 4.7 per cent in the rest of Canada, as ompared to 3.1 per cent for Ontario.

Canada's total labor force rose 3.7 per cent in 1967 to 7,419,000, while mployment reached 7,152,000—a gain of 3.2 per cent from 1966. The ational unemployment rate was 4.1 per cent.

ncome

respite lower increases in economic activity in 1967, income levels connued their brisk advance. Total personal income in Ontario reached an stimated \$18,500,000,000 – 9.5 per cent higher than the \$16,900,000,000 ecorded in 1966. This brought per capita personal income in the province by just under \$2,600, from \$2,431 the year before – a gain of between 6 and per cent.

he major contributor to the increase in total personal income was labor inome, which advanced at approximately the same rate. Changes in average
reekly wages and salaries actually varied among different industries,
rainly due to certain significant negotiated wage increases but also because
f the greater use of overtime in certain industries. Forestry, mining and
ransportation, communication and other utilities all exhibited aboveverage gains, while service industries, finance, insurance and real estate
rms, and retail and wholesale trade were near average—ranging from
bout 6 to 8 per cent. Manufacturing, in particular durables manufacturing,
ad below average increases in average weekly wages and salaries.



Look Ahead



Apartment complex, St. James Town, Toronto House built by assembly line methods in a new ALCAN plant at Woodstock which has a maximum production rate of 2,400 units annually





No immediate relief appears in sight from some of the pressing economic problems of 1967. And recent additional complications compound the difficulties.

Developments on the international economic scene, for instance, indicate a strong challenge for Ontario. British devaluation toward the end of 1967, while easing Britain's sterling crisis, worsened the position of her trading partners.

Canadian producers face stiffer competition from cheaper British imports. And Canadian exports are now more expensive in the British market. However, because a fairly large proportion of Canada's exports to Britain comprise essential raw materials and foodstuffs, there should not be any serious reduction as a result of devaluation.

Elsewhere, export markets are hardly more encouraging. While wheat sales may increase, the level will still be down from those of a few years ago. Exports under the Canada-U.S. auto pact will undoubtedly level off, and even if other exports to the U.S. remain strong, the impact of levelled-off automotive sales will have a pronounced effect on total exports to that country. The unavoidable conclusion is that Canada will have some difficulty in meeting its 1968 export target of \$12,300,000,000. Because exports of goods and services represent 22 per cent of Canada's GNP, this prospect is of considerable importance to the over-all economic outlook.

Because exports of goods and services represent 22 per cent of Canada's GNP, this prospect is of considerable importance to the over-all economic outlook.

U.S. balance of payment difficulties represent another hazard. This problem has already showed itself in the temporary weakening of the Canadian dollar with the rush to repatriate U.S. funds. However, the U.S. has indicated to concern for the state of the Canadian economy by requesting that Canadian subsidiaries of American firms keep their funds in Canada. This would at least indicate that no sudden or massive setbacks will be fostered by U.S. balance of payments policy.

The weakening of the Canadian economy in the second half of 1967 is still evident in the first quarter of the new year. Housing starts, which declined oward the end of 1967, will need new stimulation if there is to be an improvement. Proper policies and the availability of federal funds could well urn housing into the major generator of growth in 1968.

Prospects for investment in other types of construction, and machinery and equipment, are not very bright. Total investment will rise only a small amount if house building activity is not accelerated.

he absence of any degree of certainty in these areas leaves open the quesion of how other sectors of the economy will perform. Investment has a lefinite influence on manufacturing, and stimulating production. At present, the outlook for manufacturing calls for some modest gains. This lespite the reduced demand for Ontario manufactured products by Prairie armers, who have less cash available to spend, and by Quebec, with its lost-Expo slowdown. Further improvements could very well come with a rise a economic activity in the U.S. – something not entirely unexpected in an lection year.

xpansion in Ontario's labor force will likely continue in 1968 with a gain omewhat in excess of 3 per cent. Employment, however, will probably dvance more slowly, raising the unemployment rate slightly from its 1967 evel.

lased on prospects as they appear early in 1968, Ontario's productivity hould once again move upward after having faltered in 1967. This should roduce a gross provincial product of just under \$27,000,000,000. With rice increases expected to be reduced, this would mean real growth in ntario slightly higher than in 1967.

I summing up, then, the dominant mood is one of caution but not of gloom. If the new measures to spur housing – the key to economic progress in 1968 - there could be a spreading beneficial effect throughout the economy. his could once again raise Ontario's economic growth to the levels it njoyed in the earlier 1960s.





Trade And Industry

Marketing

Nineteen Ontario sales missions in 1967 resulted in the 170 participating manufacturers writing new sales orders estimated at \$40,205,712. Al countries in Western Europe were visited, as well as Czechoslovakia Yugoslavia, and five U.S. centres.

Between October 1962, when the program began, and the end of 1967 850 Ontario-based companies have taken part in 92 government-sponsored sales missions. Comprising small groups of businessmen headed by a marketing officer, these missions have won initial sales exceeding \$169,000,000, plus millions more in repeat orders.

During 1967 the Marketing Section assisted Ontario companies take partin international fairs and exhibitions in the United Kingdom, Holland Germany, Italy and the U.S. Sales missions coincided with internationa fairs in Madrid, Milan, and Brno, Czechoslovakia. Food producers are increasingly represented on sales missions and close co-operation is maintained with the Ontario Food Council of the Department of Agriculture and Food to further promote exports of food and produce.

Twelve buyers on missions from South America, South Africa and the Wes Indies visited Toronto and other areas of Ontario. Particular interest was shown in capital equipment.

Thirty-seven group buyers from 14 countries made contact with Ontaric manufacturers, resulting in agencies being established abroad. At the invitation of the Marketing Section, 31 buyers from 18 countries attended the Canadian Production Exhibition and Supermarket Show in Toronto.

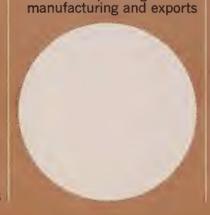
Under the Ontario Engineering Services Abroad program, 17 studies were approved for proposed subway, mining, sewer, airport, grain handling irrigation and power plant projects in 14 countries in Europe, Asia, and Central and South America. This program, as well as selling Ontario engineering and technical skills, directly benefits manufacturers in the province through sales of material and equipment.

To assist companies with their export programs, the Marketing Section conducted export forums in Toronto, Ottawa, Barrie, Kitchener, and St Catharines in 1967. A total of 590 manufacturers and business executives attended the study sessions.

Staff members also undertook 64 speaking engagements to audience totalling 4,000, and called on over 1,700 factories to consult on expor selling. Over 1,200 businessmen visited the section's offices for expor consultations.

License arrangements abroad in the year included nine in the U.K., three in the U.S., two in Germany, and one in Mexico. Ontario manufacturers alsestablished four branch plants in the U.K., two in Belgium, two in France and one each in Holland and the U.S. A total of 236 agents abroad were appointed to represent 160 companies.

Ontario manufacturers on a government-sponsored sales missic to Japan set out on business call



Expanding Ontario





Sixteen trade delegations from overseas and the U.S. totalling 353 persons visited Ontario in 1967. They represented 16 distinct groups with interest in all types of industry and construction. The seven delegations from the U.S.S.R., three from Czechoslovakia and one from Bulgaria were all led by ministers of state.

The other delegations included engineering students from Peru, Chicago businessmen, representatives of the British Building Institute, Los Angeles Chamber of Commerce members, and Brazilian Educational Foundation representatives.

The Marketing Section worked closely with federal Department of Trade and Commerce officials, and business development representatives of all major banks. Close liaison was maintained with other departments of the Province.

Publications revised in the year included the Directory of Exports, and the Exporter's Guide. Other publications were also reprinted. Twelve marketing bulletins and 10 special bulletins listing about 1,300 items were distributed to over 7,500 Ontario companies. About 1,700 manufacturers responded.

Manufacturing Arrangements

Ontario companies seeking additional products or new processes completed at least 125 licensing agreements in 1967. These agreements, made with manufacturers both in Canada and in other countries, are on a royalty or license basis. They evolve through the work of the Manufacturing Arrangements Section in co-operation with Ontario's trade offices or commercial representatives in other countries.

New manufacturing arrangements are brought to the attention of Ontario industries through information contained in the bulletin, Manufacturing Opportunities for Ontario Industries. In 1967, over 400 opportunities were published in 12 regular and three special issues.

Licences available from Eastern European countries formed the basis for one special bulletin, another exclusively listed items from Denmark, and the third, published in co-operation with the Detroit office of the federal Department of Trade and Commerce, covered opportunities for supplying automotive parts.



To further stimulate interest in new products and to speed up the process of acquiring rights to manufacturing them, a small mission of Ontario manufacturers visited trade fairs in Milan and Hanover where a wide range of top quality consumer and industrial products were displayed.

Another responsibility of the section is tracing the sources of Ontario products and services for industries considering establishing in Ontario, and on behalf of purchasing agents, engineers, and individuals. Buy Canadian promotion was furthered during the year through greater contact with purchasing agents. A special bulletin, Directory of Canadian Product Directories, was issued.

Plant Location

New industrial expansion in Ontario in 1967 was at a more modest rate than during the two previous years, when unusually high gains were recorded. Stepped up development, and the inauguration of the Canada-U.S. automotive free trade agreement in January 1965, had important influences on 1965-66 growth levels. By early 1967, however, the need for new plants and facilities had largely caught up with demand, and most of the adjustments for expanded automobile production had been completed.

Manufacturing plants established in the two previous years reached full production in 1967. Wages and employment reached an all-time high, and productivity also increased.

In 1967, 132 new manufacturing establishments located in Ontario, representing an investment of \$91,143,500 in land, buildings and equipment. Some 6,400 new jobs were created, and newly acquired property totalled 1,211 acres. New manufacturing space amounted to 3,538,700 square feet.

Statistics compiled for the Industrial Review are obtained through personal contact with the new establishments, and are based on preliminary estimates of property purchases, construction costs and equipment installation. To be included in the listing, a new company must employ 10 persons, occupy 5,000 square feet of manufacturing or assembly space, or have annual sales exceeding \$100,000.

The Plant Location Section continues to serve foreign and domestic companies interested in establishing manufacturing facilities in Ontario. On behalf of clients, industrial development officers carry out detailed studies to determine such factors as the proximity of markets, labor supply, availability of suitable land, zoning regulations, air, rail, and highway transportation and rates, availability of raw materials, and municipal and local tax structures. Other factors studied include public utilities, financing, housing and recreational facilities.

These and other considerations must be taken into account in determining the appropriateness and economics of new industrial development.

Joint Ventures

Ontario's industrial joint venture program extends the activities of the Plant Location Section.

Business prospects who conclude that a new manufacturing facility is not easible frequently consider establishing a joint venture with an Ontario nanufacturer. Generally the Ontario company provides the plant, organization, manufacturing and sales facilities, while the other company provides he product and technical know-how, and sometimes special machinery. ourteen companies classified as jointly owned through mutual participation of equity and/or patended product contribution, were formed in Ontario during 1967. Eight Joint Venture Bulletins covering 47 products are published by the Trade and Industry Branch in the year. These bullitins were distributed to more than 2,000 Ontario companies which inicated an interest in product diversification.

total of 518 inquiries were received and processed to the 47 foreign ompanies interested in establishing joint ventures. At the request of the preign joint venture prospects, additional products were offered to Ontario ompanies on a direct, confidential negotiation basis.





Municipal Data

The Municipal Data Section provides an advisory service to municipalities and assists communities establish industrial development programs to attract new industry or encourage expansion of local industry. Local development organizations are also kept abreast of new techniques and the needs of industry in selecting sites for new manufacturing facilities.

Constant liaison is maintained with such groups as municipal councils, chambers of commerce and industrial commissions. Industrial development seminars are held periodically. During 1967, 134 municipalities were visited by section representatives, and 171 discussions were held in the Toronto office.

A two-day industrial development seminar at the Guild Inn, Scarborough, was attended by 129 delegates comprising full-time industrial commissioners, municipal officials and industrial development officers of the chartered banks, railways and utilities. Representatives of regional development councils and other government agencies involved in development projects also attended.



Industrial development techniques under study at a seminar at Scarborough, attended by delegates from all parts of the province.

Papers presented dealt with regional development, the Kennedy Round c tariff negotiations, new transportation methods, the role of the industrize realtor, land use planning, and community actions to accommodate industry.

Working closely with the regional development councils representing th 10 economic regions of Ontario, five industrial development forums wer held in the Eastern Ontario, Lake Ontario, St. Clair, and Northeaster regions. These forums were attend by members of municipal councils planning boards, industrial committees and chambers of commerce Topics covered included industrial development techniques at the community level, agriculture as an industry, water management, the economics of the tourist industry, land use planning, and case studies in plar location.

Over 200 community representatives attended the forums. The program was carried out with the assistance of the departments of Agriculture ar Food, Tourism and Information, and Municipal Affairs, the Ontario Wat Resources Commission, and the University of Western Ontario.

In support of the plant location activities of the Trade and Industry Branc and other development agencies, the Municipal Data Section maintain up-to-date information on over 400 municipalities. This material include industrial surveys which are revised annually, plus fact sheets and brochure.

These publications provide details of labor rates, utility services, tax structure, educational and housing facilities, the names of existing industries, and products manufactured in the community. Under constant revision is a listing service containing details of over 300 industrial buildings throughout the province which are available to manufacturers.

During 1967, 3,615 copies of industrial surveys and brochures were used by the Plant Location Section and other agencies in supplying information to manufacturers seeking new locations. In addition, 200 copies of a directory containing a copy of each of the industrial surveys, were prepared and distributed to universities across Canada, regional development organizations, other federal and provincial departments, and the business development sections of the banks, railways and utilities.

To ensure continuity in the handling of industrial prospects and the obtaining of community information, the Municipal Data Section prepares and issues a Directory of Industrial Development Contacts, which lists personnel of the Trade and Industry Branch, the regional development councils, and the municipalities of the province, plus representatives of other business development organizations.

Exhibitions

Fifty-eight Ontario manufacturers displayed their products in department-sponsored exhibits at six international trade fairs in 1967. Company representatives reported total cash sales of \$833,250 and estimated sales at \$5,885,500 for the next 12 months. Trade fairs in which Ontario took part were held in Britain, Germany, Holland, and the U.S. Products featured included toys, gifts, household goods, hardware, and electronic components.

To assist foreign and domestic businessmen in the areas of marketing, investment and plant location, the department placed information booths in 11 trade fairs and conventions—six abroad and five in Ontario. A total of 293 businessmen interested in opportunities in Ontario visited the information booths to discuss the services of the Trade and Industry Branch. The department subsidized the display of products of 12 Ontario companies in the International Woodworking Machinery and Supply Show, Toronto. The display was visited by foreign buyers from many countries.

The department's display at the Canadian National Exhibition was centred on the theme, It Seems Like Only Yesterday. The exhibit stressed the industrial and technological advances in Ontario during Canada's first 100 years.

Special window displays arranged in co-operation with manufacturers highlighted past and present production methods. Film clips and an illuminated panel stressed the consumer's role in the economy.

The Exhibition Section expanded the "Eedee" design award program (symbolic of excellence in design) to include furniture as well as fashions. The Ontario fashion design awards program was co-ordinated by the Ontario Fashion Institute with the assistance of the department. A total of 131 creations were entered in the competition by 58 individual companies. An estimated 600 persons attended the "Eedee" award presentations, and the showing of 105 nominees, in the Ontario Pavilion at Expo. Thirty-three "Eedee" awards, and a "best of show", were presented to winning designers in each category, and certificates of merit were awarded to the manufacturers. Two "Eedee" awards were presented in a couturier classification. Eighty-seven Ontario manufacturers collaborated with 112 furniture designers resident in Canada to enter the 14 categories of the 1967 Ontario dome Furniture Design Award Competition. Designs submitted totalled 339.

The international jury which evaluated the design submissions and finished prototypes, was chaired by Sir Hugh Casson, of the Royal College of Art, condon. Winning designers in 10 categories received "Eedee" awards and heques for \$1,000, while the manufacturers received certificates of merit. Evelve Shop Canadian Week promotions were held during the year in copperation with local chambers of commerce, boards of trade, and retail nerchants associations. The promotions were held in Simcoe, Cobourg, Frantford-Paris, Toronto (Cloverdale Mall), St. Thomas, Galt-Kitchener-Preston-Waterloo, Port Arthur-Fort William, Fort Frances, Sault Ste. Marie, Sudbury, Leamington-Kingsville-Harrow, and Pembroke.









The department took part in three summer fairs in 1967—the Canadian Lakehead Exhibition, Port Arthur-Fort William, the Central Canada Exhibition, Ottawa, and the Western Fair, London. A portable exhibit specifically designed for the fairs outlined Trade and Industry Branch services available to businessmen.

In conjunction with the Business Development Bureau of the Canadiar Corporation for the 1967 World Exhibition (Expo 1967), the Exhibition Section inaugurated the International Trade Centre in Toronto. The centre co-ordinated and handled all business development inquiries from visitors to Ontario, most of whom were in Canada for Expo. Thirty-seven groups comprising 1,162 persons from 15 countries used the centre's facilities. Countries represented included Poland, Peru, the U.K., U.S., Russia, Belgium, Bulgaria, Czechoslovakia, France, Italy, Holland, Finland, Switzerland, Indonesia, and Nationalist China.

The section co-operated with the federal Department of Trade and Commerce in arrangements for the Kennedy Round seminar for businessmen in Toronto. Assistance was provided for panel discussions, and business interviews concerning the ramifications of the Kennedy Round. The section also assisted the Junior Board of Trade, Toronto, with arrangements for the Junior Chamber of Commerce World Congress. A department exhibit highlighted Ontario's economic potential, and informed delegates of Trade and Industry Branch services.

Research

The Research Section undertook 410 marketing studies in 1967 designed to assist companies establishing or expanding manufacturing facilities in the province, or companies considering product diversification. The section also completed detailed market opportunity surveys of 20 countries. Market reports covered such diverse products as motors, pumps, textile machinery, radio and television products, rock bits and drills.

The foreign market studies brought to 40 the number of major trading nations so far surveyed by the section. These studies are periodically revised and up-dated, and are circulated in advance of Ontario sales missions to other countries.

Economists of the section continued a close watch on the automotive and machinery industries in Ontario. The province's automotive industry represents over 90 per cent of total Canadian motor vehicle production. The machinery industry is expected to be significantly effected by proposed adjustments in the latest Kennedy Round GATT negotiations.

The section again compiled the publication, Statistics for Profit, as part of a program to encourage further manufacturing development in the province This publication provides detailed information on imports into Canada suggesting products that can be developed by local manufacturers. It also contains data on imports into the United Kingdom and United States, indirectly revealing Ontario's export potential in both countries. Statistics



for Profit is being extended to show Ontario's present markets abroad through a tabulation of products shipped around the world.

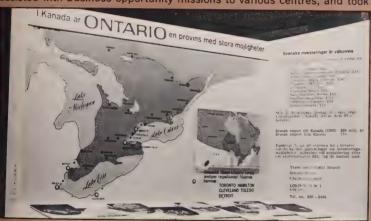
The Research Section maintains constant liaison with the Dominion Bureau of Statistics, the federal departments of Industry, Trade and Commerce, and Manpower and Immigration, as well as private and public industrial and trade specialists.

Trade Offices Abroad

Ontario's trade offices in the U.S., Britain and Europe, stepped up their efforts in 1967 to bring new industry, technology and investment to the province, and to promote export sales.

To better serve the sustained interest of American business in the province, plans were completed to establish an Ontario trade office in Los Angeles. The new office—the province's third in the U.S.—will enable Ontario businessmen to take fuller advantage of one of the world's fastest growing industrial areas, and the prosperous California market.

In a new approach to promoting Ontario's industrial and investment opportunities, its products and engineering services, plans were launched for the appointment of mobile Ontario commercial representatives in a number of strategic trading areas. These representatives will be based in such European centres as Dusseldorf, Milan, Stockholm, and Zurich; Boston, Cleveland, and Atlanta, in the U.S.; Kingston, Jamaica; and Tokyo, Japan. Ontario's industrial development and marketing officers in the New York and Chicago offices continued their programs of visiting manufacturers, distributors, agents, and retailers throughout the U.S. The offices also assisted with business opportunity missions to various centres, and took



part in trade shows and exhibitions. Business opportunity missions comprise teams of trade officers who visit a specific area to familiarize industrialsts and businessmen with Ontario.

Another effective promotional activity is the economic opportunity mission. These one-day seminars for local leaders of industry and finance were held n several medium-size cities in 1967, including Rockford, III., San Antonio, Tex., Grand Rapids, Mich., and Richmond, Va.

Another activity of Ontario's trade offices in the U.S. during the year was promoting Canada's Centennial, and the Ontario Pavilion at Expo. Canada Week celebrated in New York in May, for instance, drew wide attention to the nation and province.

Crade officers at Ontario House, London, travelled extensively throughout the U.K. and Scandinavia calling on commercial and industrial concerns. Assistance was given to a number of Ontario sales missions, and the protucts of several Ontario companies were exhibited at Ontario House and at rade shows.

Ontario offices in Dusseldorf and Milan were also active in promoting Ontario products and industrial opportunities. Business appointments were arranged for members of Ontario sales missions to Europe, and the missions were assisted on arrival.



Ontario's industrial and investment opportunities featured in a Stockholm window display. British businessman consults an Ontario trade official in London.

Immigration

Immigration to Ontario totalled 116,850 persons in 1967—9 per cent more than in the previous year, and again slightly more than half the total for all of Canada. Immigration to Canada for the year (222,876 persons) was up 15 per cent from 1966, and represented the highest total in a decade

The Ontario Immigration Branch handled personnel requests from 447 Ontario employers in 1967. Altogether 2,035 job offers were made to intending or newly arrived immigrants by these employers.

While Britain remains Ontario's major immigration source and the focus of direct overseas recruiting by employers, inquiries concerning pre arranged employment for prospective immigrants are increasingly received from many other countries, including the United States, Australia and South Africa. To handle these new sources of referrals in the most effective way for Ontario employers, the centre of branch planning and policy shifted from London to Toronto in the year.

In 1967, the London office handled 9,458 inquiries and administered of assisted with recruiting projects for 295 Ontario employers. Over 25,000 pieces of mail were distributed, and employers spent \$96,000 on personne advertising in Britain. The smaller Glasgow office handled 7,707 inquiries distributed over 15,000 pieces of mail, and assisted 41 Ontario employers on recruiting trips.

The Toronto office dealt with personnel requests from 447 Ontario employ ers, more than half of them using the branch's services for the first time In many cases, qualified applicants could be referred immediately from the new job-seekers' register compiled in the office. An added service of the Toronto office introduced in the year was personal counselling of newly arrived immigrants.

A total of 16,709 employment applications from intending immigrants was referred to employers throughout the province in the year. The majority were companies or institutions who had requested inclusion in the branch's distribution list.





Adding to Ontario's skillpower



Of the 2,035 employment offers made to intending or newly arrived immigrants by Ontario employers working with the branch, the largest single occupational category was school teachers. Teachers accounted for about 600 of the total, followed by nurses and other trained hospital personnel. While employer demand for mechanical and electrical engineers remained fairly high, companies were noticeably more selective in terms of professional qualifications and experience specialties. Higher standards were also sought of draughtsmen and engineering technicians. There was a noticeable decline for skilled production line personnel, compared with 1966.

The major new development on the federal scene was clarification of immigration policy covering admissions. New regulations under the Immigration Act became effective in October, removing many controversial areas in the legislation.

Geographic limits on sponsorship rights were erased but sponsored admissions were confined to relatives who will not be entering the Canadian labor force. However, other relatives may now be admitted on nomination by a Canadian citizen, or resident, who has the means and is willing to take full responsibility for their welfare. Some degree of control over these latter admissions in relation to varying economic conditions in Canada is provided for.

Regulations covering the remainder, or the independent immigrants, reflect the concept of a centralized manpower responsibility, as intended by the creation of the new federal Department of Manpower and Immigration in 1966. Admissions in this category, the largest number in recent years, are now being controlled through an extensive assessment of the applicant's qualifications, and the opportunities existing for him at a specific destination in Canada.

Quite obviously, the success of this approach depends largely upon the accuracy and timeliness of information on opportunities provided to Canadian immigration offices overseas.





Prospective immigrants are counselled by an official at Ontario House, London.

British school teachers on their way to jobs in the province.

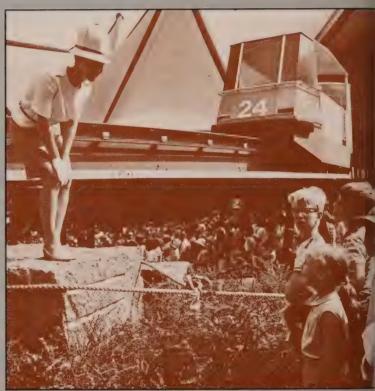
Special Projects And Planning

Ontario is trees, granite, water resources, pop art, and advanced technology. It is business and investment opportunities, a colorful past and an exciting future. Ontario is . . . a place to stand and a place to grow.

All this, and more, was succinctly and entertainingly summarized for visitors from all over the world in the \$8,500,000 Ontario Pavilion at Expo 67 in Montreal. The pavilion represented four years of planning and direction by the Special Projects and Planning Branch, which is responsible for organizing and administering special events for the Province.

The pavilion showed to the world what Ontarians have made of their province. Particularly telling was the 70-millimetre multi-image color film A Place to Stand.

Introducing many new techniques, films at Expo were generally conceded as the most effective method of communication. Ontario's 17-minute production was acclaimed among the best. With all images contained on the one film, A Place to Stand is the only major Expo film which can be screened elsewhere without special equipment.



Crowd control, Ontario Pavilion.

More than 5,500,000 persons visited the Ontario Pavilion during the six months of Expo-twice as many visitors as originally anticipated. Such was the design of the structure that there was little crowding, and seldor line-ups.

Visiting celebrities included British and Greek royalty, international states men, politicians, business tycoons, Hollywood stars, and a stream of Japanese officials making notes for Expo 70.

The pavilion's restaurants attracted more than 700,000 patrons and proved particularly popular with businessmen. Ontario produce and beverages as well as recipes, were highlighted on all menus. Choices ranged from booking the served in the outdoor cafe, to pheasant-under-glass ocharcoal-broiled steak served in tastefully-decorated restaurants over looking the lagoon.

The Ontario host and hostess staff at the pavilion, most of them young university students, handled their wide variety of responsibilities with

"One of the major amazements at Expo is the Ontario Pavilion. It's imaginative, it's bright, it's exciting."— Toronto Star-



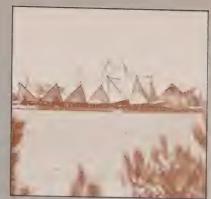
enthusiasm and commendable tact.

Numbering more than 50, all of them fluent in English and French, as well as many other languages, the young Ontarians were instrumental in organizing social contact with the staffs of other pavilions and in organizing the Expo Host-Hostess Club.

Expo's salute to Ontario on August 5 saw 20,000 persons attend two performances in Place des Nations by more than 1,000 singers and dancers representing the province's various ethnic groups. The Fort Henry Guard re-created old battle manoeuvres as part of the Ontario Day celebration.

Following Expo, A Place to Stand, which received a special award at the Chicago International Film Festival, was distributed commercially to theatres throughout Ontario and Canada. Arrangements were also made for distribution in the United States and overseas. More than 50,000 recordings of the film's theme music have been sold.

During the year, Special Projects and Planning Branch administered the Confederation of Tomorrow Conference called by Prime Minister Roberts.





Scene from Ontario's award-winning movie, A Place To Stand, produced for the Ontario Pavilion at Expo 67 (top) and later released commercially in many parts of the world. The film was nominated for two academy awards in 1967.

The conference, attended by all but one of Canada's provincial premiers, was held in November on the top floors of the newly completed Toronto-Dominion Centre in Toronto.

The branch's major publication, Ontario 67, was published in English, French and German, and 100,000 copies were selectively distributed in Lanada, the U.S. and Europe. Like its predecessor, Ontario 66, it contained eature articles by leading writers on Ontario's economy and social life.

Ontario Style, an informative book directed to prospective immigrants, was evised and reprinted. The branch also organized two major advertising ampaigns in 1967,

'Trade crusade'' advertisements which ran on television and in newspapers and magazines, featured industries and institutions throughout the province, while highlighting the Shop Canadian theme.

I new promotional black and white advertising series on Ontario was eatured in the New Yorker throughout the fall. Developed to match the tyle of the magazine, it highlighted a cocktail party theme offering "horsdroeuvres of information" about the province.

Women's Advisory Committee

Improving understanding of the economy.





More than 8,000 women throughout the province attended conference sponsored by the Women's Advisory Committee in 1967. These meetings are an important aspect of the committee's prime function, which is to involve women personally in the economy and create an awareness of their responsibilities as consumers.

Topics dealt with at the conferences (held at North Bay, Barrie, Brockville Simcoe, Cobourg, Brantford, Toronto, St. Thomas, Galt, Fort William, For Frances, Sault Ste. Marie, Sudbury, Leamington, and Etobicoke) included the availability of Canadian products and the advantages of buying them the influence of women in further improving Canadian designs and product standards, the promotion of Canadian fashions and crafts, analysis of buying habits, and wise consumer spending. The committee assisted with Shop Canadian Week promotions held in communities in conjunction with the conferences.

The program of high school conferences was furthered in 1967. At these seminars, grade 12 and 13 students heard economists emphasize the importance of the individual in the economic process, and discuss commercially.

High school conferences were held at Sault Ste. Marie, Owen Sound, Wood stock, Peterborough, Niagara Falls, and Prescott. Total attendance wa 4,900.

The Women's Advisory Committee continued to work with fashion designer and the garment industry by assisting with the "Eedee" award competition Ontario fashions are featured regularly at the committee conferences.







Information Services

Information Services continued its activities throughout 1967 of publicizing the various programs and services of the department, and its associated provincial corporations. This section also handled a wide range of general inquiries concerning Ontario, both from within the province and from many parts of the world.

Press, radio, television, and film media are the principal vehicles by which Information Services communicates with the department's special and general publics. In 1967, the branch produced more than 20 booklets and other publications, and prepared numerous feature articles requested by Ontario, Canadian, and foreign newspapers and magazines. Information Services activities are part of the continuing program to interest businessmen and companies in the various services of the department, and to stimulate export consciousness.

New publications produced for the Trade and Industry Branch included Three Roads to Profit, which outlines profit opportunities in branch plants, manufacturing arrangements or joint ventures in Ontario. Other publicity programs on behalf of the Trade and Industry Branch concerned Ontario sales missions, Ontario industry participation in international exhibitions, export achievements, the "Eedee" fashion and furniture design award programs, and the Women's Advisory Committee conferences and Shop Canadian promotions in centres throughout the province.

On behalf of the Immigration Branch, a new publication was issued outlining the skilled personnel recruitment program overseas. Six more pamphlets in the series concerning opportunities in various professions and trades in the province were also issued. Representatives of BBC-Scotland sought the assistance of Information Services in preparing documentary programs on Ontario, emphasizing Scottish immigration and influences. Information Services sought out a number of recent immigrants who consented to be interviewed for the programs, and directed the producers to other areas of interest.

The 16-page booklet, Motel Building for the Future, prepared for the Ontario Development Corporation, and outlining factors to consider in deciding whether to expand a motel operation, won a 1967 Award of Excellence from the Canadian Public Relations Society. This is the 15th promotional award the department has won since 1965.

Other projects for ODC in 1967 included new pamphlets on Centrali Industrial Park and on the Program for the Equalization of Industria Opportunity in Ontario.

Two new color films were produced in the year - The ODC Story, whice outlines the business assistance and guidance programs of the Ontari Development Corporation, and Design for Tomorrow, which promotes the "Eedee" fashion and furniture design programs. Both have been use widely by television stations throughout the province, and by various business and other groups. Ten TV news items promoting business and other activities of the department were produced in the year and broadcast be stations throughout the province.

Information Services continued to promote Sheridan Park Research Conmunity, and prepared the annual report of the corporation. Photo-feature



More than 300 press, radio and television representative attended the Confederation of Tomorrow Conference in Toron

Interpreting the department's programs, for industry and the public



on industrial research activities at the park and the advantage of locating there were prepared for several publications. An audio-visual presentation and a TV news clip were also prepared. Assistance was given Canada's two TV networks in preparing news items concerning Sheridan Park.

The Ontario Pavilion at Expo 67 was publicized in information kits prepared for newspaper, magazine, radio, and television representatives, and distributed at a special preview. Special photo-feature articles, radio tapes and TV clips were prepared and distributed in follow-up services, which included coverage of the British royal visit to the pavilion and Ontario Day at Expo. Information Services was responsible for press arrangements at the Confederation of Tomorrow Conference, covered by more than 300 newspaper, radio, and TV representatives. Following the conference, two members of Information Services were requested to visit Ottawa to confer with Privy Council staff concerning press arrangements for the federal constitutional conference in February, 1968.

Publications

Services of the Trade and Industry **Branch**

Programs and activities of the branch which serve businessmen and municipalities.

Three Roads to Profit

Ontario's unique profit opportunities in branch plants, manufacturing arrangements or joint ventures.

Our Man from Ontario

How the businessman can take part in the Ontario government's sales opportunity mission program to increase exports.

Ontario Industrial Review 1967

Work and accomplishments of the Ontario Department of Trade and Development.

Exporter's Guide

Export services for the Ontario manufacturer.

Municipal Industrial Development Guide

Industrial promotion at the community level.

Statistics for Profit

Statistics on Canadian imports from the U.S. and U.K., Canadian export opportunities, and fabrication gaps in Canadian industry.

Ontario Engineering Services Abroad

Ontario government assistance to

firms taking part in overseas engineering projects. Women and the Economy

This Women's Advisory Committee pamphlet outlines how Ontario women can strengthen the economy.

Sheridan Park Research

Community

The operation, function and organization of Ontario's new research community.

The Economy of Ontario. (50ϕ)

An 80-page descriptive analysis of the structure and function of the Ontario economy, and some of the forces which determine the pace and pattern of growth.

The Economic Process. (50¢)

This 78-page companion booklet to the Economy of Ontario provides a simple description of the economic process and how it works.

Specialized Personnel Recruitment How Ontario companies and agencies, unable to find sufficient skilled or professional personnel locally. can recruit overseas through the department's immigration branch.

How Well Do You Know the Ontario Economy?

Fourteen-question quiz pamphlet educates and entertains.

Ontario-Workshop of Canada

The province's economy, business and investment opportunities, its history, culture and people.

Ontario Development Corporation

Function of the Ontario Development Corporation to stimulate economic and regional development in Ontario, with an outline of services including counselling and financial assistance.

Does Your Business Need a Check-Up?

This Ontario Development Corporation booklet deals with sound business practices and procedures for the small company.

Motel Building for the Future

(\$1.00 if ordered outside Ontario) Factors which must be considered in deciding whether to expand a motel operation are closely scrutinized in this ODC booklet.

Centralia Industrial Park

Facilities and advantages of industrial location at Centralia Industrial Park, administered by the Ontario Development Corporation.

Equalization of Industrial Opportunity Program

This ODC pamphlet outlines the loan assistance program for eligible companies establishing new plants, or expanding facilities in specific areas of the province.

Films

Ontario Today

Industry, recreation, and the people of Ontario are featured in this extensive tour of the province. Color, 28 minutes.

Design for Tomorrow

How the Ontario government assists the fashion and furniture industries to improve designs. Color, 13 minutes.

Big Deal

Animation and live action provide an entertaining analysis of the Ontario economy, emphasizing the ipmortance of expanding both domestic and export markets. Color, 81/2 minutes.

The Scientific Century

Research and its importance to man's well-being, portrayed during a visit to Sheridan Park Research Community, Ontario's "science city". Color, 20 minutes.

Our Man from Ontario

How Ontario businessmen are increasing export sales by taking part in government-organized sales missions to many parts of the world. Color, 13 minutes.

The ODC Story

Services available to Ontario businessmen through the Ontario Development Corporation. Color, 13 minutes.

A Place to Stand

A 16 mm version of the award-winning film shown in the Ontario Pavilion at Expo 67. This 17-minute color film is available for sale only, price \$65 a print. Apply Special Projects and Planning Branch.

TO ORDER PUBLICATIONS

Films are loaned to interested groups for the cost of return postage or express charges. Except where cost is stated, publications are also distributed free. Contact:

Information Services

Department of Trade and

Development

950 Yonge Street Phone 365-5466 Toronto 5, Ont. Area Code 416

Sheridan Park Research Community

The Ontario Research Foundation and International Nickel Company of Canada Limited opened new research and development centres at Sheridan Park Research Community in 1967. Nine research facilities employing some 1,600 scientists, engineers, and supporting personnel now operate in the community, 17 miles west of Toronto.

Four years ago, the Ontario government established Sheridan Park Corporation to develop the park and sell land on a non-profit basis. In 1967, 106 acres of the 350-acre site remained to be sold. The nine research centres established are valued at some \$36,300,000.

Sheridan Park Research Community is devoted exclusively to industrial research and development. Part of its uniqueness is that it is designed by industrial research managers to meet their requirements. A technical coordination committee, for instance, facilitates the development of projects of mutual interest.

Research conducted at Sheridan Park is aimed at developing better products and processes to keep Ontario companies competitive in world markets. The community also provides challenging work for Canadian scientists and researchers.

For smaller Ontario companies, the availability at Sheridan Park of a well-staffed and equipped contract research organization is of major importance. Small and large companies alike are served by the independent and self-administered Ontario Research Foundation.

In 1967, the Ontario government provided a \$775,000 research grant to



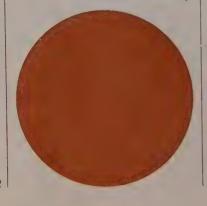
ORF. Largest portion of the grant was for backup research—essential to keep up with current scientific activities. ORF's income totalled about \$3,000,000 during the year—most of it from research contracts for industry.

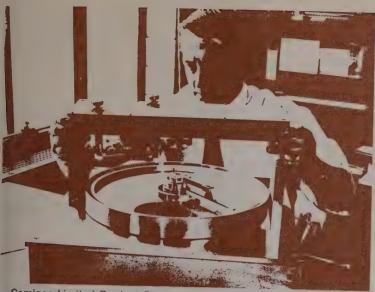
The foundation continued to operate a field engineering service sponsored by the Ontario Department of Trade and Development to diffuse greater research and development knowledge into more industries and regions About 350 visits were made by the ORF to various plants during the year some 4,200 requests for information were answered, and about 100 studies were undertaken for the Ontario Development Corporation into new products and manufacturing processes.

Among activities at Sheridan Park during 1967:

- —Abitibi Paper Company Limited Research Centre continued research into pulping and paper making projects and panel board product studies. These activities resulted in a number of improvements in products and processes.
- —Atomic Energy of Canada Limited continued design and development of nuclear-electric power stations, with principal efforts devoted to Pickerin generating station, under construction east of Toronto.
- —British American Research and Development Company continued research on new and improved petroleum products, new petrochemicals and the development of specialty products.

Where science aids Ontario Industry





—Cominco Limited Product Research Centre installed a commercial size extrusion press to develop zinc alloy extrusions for automotive and appliance trim. Also developed was a colored zinc coating, which was displayed at Expo in the company's pavilion.

—Dunlop Research Centre continued exploratory research on new polymers, particularly on rubbers and plastics and their uses related to the varied interests of the world-wide Dunlop organization.

—International Nickel Company of Canada Limited continued to seek improved methods of extracting nickel and associated elements from lower-grade sulphide ores. The object of this program is to increase production of the company's Canadian mines.

—Mallory Battery Company of Canada Limited developed new ways of providing porous anodes and cathodes for use in alkaline primary cells under low-temperature discharge conditions. This innovation will result in cells operable at temperatures as low as minus 30 degrees, and will have military, aerospace, and commercial applications.

-Warner-Lambert Research Institute of Canada Limited intensified its studies into the toxic effects of drugs on the liver, using the latest techniques and equipment including electron microscopy and biochemistry.

During the year, Sheridan Park Corporation sold $6\frac{1}{2}$ acres of land to United ands Corporation for an ancillary services complex. The six one-storey units, proposed and under construction, will provide convention and restauant facilities, and medical, dental and retail services.

Sheridan Park scientists established closer liaison with their counterparts t nearby universities during the year. Broadening the industrial academic cientific dialogue, the scientists regularly take part in lectures, seminars, tudy groups and conferences at both campus and community.







Ontario Economic Council



Far-reaching studies concerning industry, commerce, and human and natural resources were among the activities of the Ontario Economic Council in 1967. The 19-member council, made up from representatives of industry, labor, agriculture and government, as well as academic, utility, research and consumer sectors, serves as an advisory body to government, reporting in most cases to the Cabinet. Research programs during the year included:

Human resource development—including manpower training and upgrading education and immigration.

Natural resource development—with particular emphasis on Northern Ontario.

Agricultural policy—with special reference to Agricultural Rehabilitation Development Act programs.

Taxation, economic policy and public services.

Tourism—particularly in relationship to the development of new recreational

For the third successive year the OEC met with senior members and advisers of the Economic Council of Canada, and invited observers, to discuss implications for the provincial economy of factors contained in ECC's annuareview. The two councils are contributing to a study of federal and provincial economic policies, through the Private Planning Association of Canada. It is hoped that preliminary papers will be completed in 1968.

Reports of the Carter commission on taxation and the Ontario committee on taxation were reviewed by OEC members and staff. Early in 1967 some 23,000 copies of a magazine-style report, Skill Acceleration, were published by the council. In addition to analysing how 18 "growth" companies developed extra employee skillpower, the report examines policy implication of both federal and provincial human resource programs.

Preparation of additional papers on various phases of manpower, education and immigration programs continues. These studies are being mad in co-operation with government departments directly concerned.

The first three in a series of conferences on the relationship to regions requirements of educational curricula in the primary, secondary and possecondary schools, were held in Belleville, Owen Sound and Kapuskasing Each of these meetings, known as ICE-Breaker Conferences (industry)

Focus on development



commerce and education), brought together close to 100 education officials and representatives of labor, industry, commerce, the professions and government. These conferences are jointly sponsored by the Department of Education and OEC. Copies of the 1967 ICE-Breaker summary reports are available on request.

Other public reports issued by OEC during the year included a survey of factors determining site selection by some 42 industries locating outside Ontario's major metropolitan areas and the 1967 Research Index—an analysis of research projects under way by Ontario government departments and agencies, and private companies, in the fields of agriculture, chemistry, earth sciences, engineering, forestry, life sciences and physics. Work progresssed on a similar annual research index in the socio-economic field. Continuing demand for the council's tourist industry report, which sells for \$2.00 per copy, necessitated a third printing.



EC also took part in policy discussions concerning the provincial program or equalization of industrial opportunities; the Canada-Ontario committee in the future development of Southern Ontario's inland waterways; the reparation of a corridors to resources development policy for Northern intario; the formulation of plans for a co-operative public-private approach resource development in the Cochrane-Moosonee strip; an evaluation the need for additional tax support for day care centres; provincial overnment purchasing policy; and a pilot study of prospects for Indian imployment in the Sioux Narrows area.

OEC Publications

Expanding Employability in Ontario. (\$2.00)

An assessment of the federal-provincial program for training and raising the skills of the unemployed, and its implications for government, business, and labor.

The Impact of Layoff and Recall at Ford-Windsor. (\$2.00)

An examination of the effect on employees of the Ford foundry and engine plants with the reorganization of production facilities arising from the Canada-United States automotive trade agreement.

Assessing Educational Requirements for Skillpower. (\$2.00)

A study to determine how five representative manufacturers and three service businesses in Ontario viewed the forward educational requirements of their employees between 1965 and 1970.

Skill Acceleration. (50¢)

An examination of how 17 growth companies have coped with the problem of raising employee skills.

1967 Research Index. (No charge) The third edition of a research index setting out current research projects within government departments, agencies, and commissions in agriculture, chemistry, the earth sciences, engineering, forestry, the life sciences, and physics, as well as the activities of Ontario private

People and Land in Transition. (\$1.00)

industries.

A study of opportunities for resource development on rural Ontario's marginal and abandoned acres.

Ontario's Tourist Industry—Its Potentials and Its Problems. (\$2.00)

An evaluation by OEC's Tourist Industry Committee.

Why Where How—and Would They do it Again? (\$1.00)

A review of the site selection process and subsequent experience of 42 industries locating in Ontario's smaller centres.

Contact: Ontario Economic Council 950 Yonge Street Toronto 5, Ont. Phone 365-4315 Ontario Development Corporation Three new programs aimed at broadening the pattern of economic development in the province were launched by the Ontario Development Corporation in 1967.

ODC, a Crown agency established to stimulate economic and regional development, is controlled by a board of directors who report to the Ontario legislature through the Minister of Economics and Development. As well as business advisory services, ODC offers loans to qualifying companies.

Activities in 1967 were highlighted by the opening of a new industrial park, expansion of ODC services internationally, and a new program aimed at equalizing industrial opportunity in the province.

Following studies by the management consultant firm of Stevenson and Kellogg indicating that redevelopment of the former air force base at Centralia into an industrial park would be feasible, the facility was purchased by the Ontario government.

The Ontario Development Corporation formally took over the development and management of the park, 25 miles north of London, on August 1. While most of the military equipment had been removed, the corporation was faced with the challenging task of converting a virtually derelict 800 acre site into a provincial asset.

Complete with fully serviced housing facilities, Centralia Industrial Park contains three hard surface runways enabling the fly-in executive to taxi to the door of the major industrial building.

The first major task was to rehabilitate the former education complex for use as an agricultural school by the Department of Agriculture and Food. In little more than two months, Department of Agriculture and Food officials recruited staff and organized courses.

Among the 100 students enrolled are 25 Koreans. Courses are farm management for men, and home economics for women.

The most suitable buildings for industrial purposes are the seven hangars and the supply building. By the end of 1967 leases for a major portion of this space were either entered into by the corporation, or being negotiated Plans are being drawn up for the future development of all the other buildings on an orderly basis.

In co-operation with the Trade and Industry Branch, the corporation extended its activities into the international field, contacting overseas companies willing to settle new industry in Ontario provided they could receive financial assistance. The first of these co-operative ventures resulted in the establishment in Huntsville of the Wiik and Hoeglund Company from





Vaasa, Finland. This company, which produces large size polyethylene pipe, will be in production in the spring of 1968.

The A. H. Carter Company of Tamworth, England, established in Centralia Industrial Park, and a number of other overseas companies are in the process of setting up new facilities in Ontario as a result of this new cooperative venture with the Trade and Industry Branch.

The Ontario Development Corporation was named in the fall to administer the new Equalization of Industrial Opportunity Program. By the end of the year more than 50 applications for assistance under the plan had been received and many times that number of inquiries. The program was promptly put into effect and the first forgivable loan under its provisions was approved in December 1967 for New Castle Products (Canada) Limited. A further eight long term conventional loans were approved during

1967, bringing total approvals to 14, and the amount of money loaned to \$3,200,000. In addition, the corporation guaranteed two further loans, both in Northwestern Ontario, amounting to \$185,000.

Guaranteed loans totalled 52 and the financial aid under the program exceeded \$5,000.000.

During the year the corporation's consultants provided management counselling services to more than 1,650 small businesses in Ontario, located in outlying areas of the province. In co-operation with local chambers of commerce, regional development councils, industrial commissioners, and other interested bodies, advisory services were provided by groups of consultants in Windsor, Kingsville, Fort William, Kitchener, Waterloo, Galt, Guelph, Chatham, Sarnia, Kirkland Lake, North Bay, Timmins, New Liskeard, and Preston. Consultants also visited individual small businesses in all parts of Ontario to help them resolve their specific problems.

The ODC program to aid inventors was also enhanced during 1967 with 129 new cases dealing with new products and techniques. Counsel or other assistance was given to 116 inventors or companies—many having received continuing guidance over several years. Inventions ranged from a coin sorting machine and new type of fibre glass boat, to automobile safety devices and agricultural machinery.

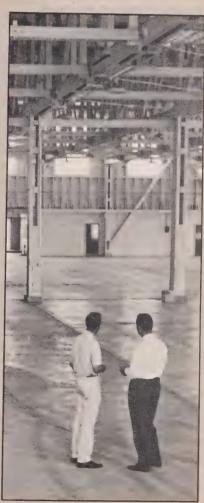
A number of innovations were brought to fruition during the same period n collaboration with the Trade and Industry Branch, the Ontario Research

oundation, and the federal Department of Industry.

The program of management training workshops for manufacturers and ourist operators continued during 1967. They were held in Kitchener, Vaterloo, Barrie, Ottawa, Grimsby, Oshawa, Kingston, and Sault Ste. Marie.







Toward Optimum Economic Performance

The Ontario Treasury Department (Finance and Economics) is responsible for the initiation and development of government fiscal and economic policy. Many of these functions were previously carried out by the former Office of the Chief Economist, which was transferred from the Department of Economics and Development to the Treasury Department in December 1967.

Finance Division. Operations of this group include management of government finance, including debt, investment, and day-to-day cash management, as well as banking and cheque disbursement.

Accounts Division. This group is in charge of central government accounting

Policy Planning Division. Composed of staff from the former Office of the Chief Economist, including the Federal-Provincial Affairs Secretariat, this division is a central group for research into various areas dealing with economics, fiscal policy, regional development and federal-provincial affairs. Essentially a staff operation in finance and economics, it includes a Taxation and Fiscal Policy Branch, an Economic Planning Branch, and a Regional Development Branch.

The Taxation and Fiscal Policy Branch provides the division's central research function and serves the tax structure committee, analysing the recommendations of such bodies as the Carter commission and the Smith committee.



Centralized economic and statistical services.





roundwork for the Ontario-called Confederation of Tomorrow Conference, attended by Canada's provincial remiers and prime ministers, was prepared by the Federal-Provincial Affairs Secretariat.

he Economic Planning Branch develops long-range economic goals, tudies bottlenecks, and reviews the long-term effects of government xpenditure and investment. In addition, it is responsible for the research nd policy appraisal required to support the government's program for rovincial development.

he Regional Development Branch undertakes the research support and o-ordination of activities for Ontario's regional development program. It cts as a secretariat to the advisory committee on regional development, and performs a liaison function with Ontario's 10 regional development puncils.

conomic and Statistical Services Division. Designed as a service bureau, as division provides economic researchers in the Policy Planning Division ith raw economic data, statistical series, current economic indicators, and analytical models. It comprises the Ontario Statistical Centre, Economic Analysis Branch, and Systems and Programming Branch.

ne Ontario Statistical Centre continues to co-ordinate administrative atistics for the use of researchers throughout the government. The centre orks toward the building of a general purpose information system to ovide the data requirements of economists in the government.

ne Economic Analysis Branch provides a current intelligence service for the government by assessing trends and developments in the economy, is expected that the department's quantitative analysis will be carried at in this branch. Among documents of current economic information repared by the branch is the Ontario Economic Review.

ne Systems and Programming Branch provides systems support to prious divisions of Finance and Economics, including the important pay-Ils work in the Accounts Division.



Business Around The World

Export business is profitable business, and Ontario manufacturers are increasingly proving the point. In 1967 the Marketing Section assisted Ontario companies establish more than 200 sales agencies outside Canada. Where export of the finished product from Ontario is not economically feasible, a number of companies established branch plants in other countries. Others entered joint ventures with foreign businessmen in the quest for new markets.



Ontario toys delight youngster at British Toy Fair, Brighton.

Marketing Ontario products and processes



Licensing Arrangements completed in the year, and the products concerned:

Wilde & Spieth, Esslingen, Germany - office chairs.

Polyuretanos, Montery, Mexico - industrial tires.

Blue Peter Urethane, Basingstoke, Hants., U.K. industrial tires.

Ebonite Container Co. Ltd., London - technical aid.

Cockle Ventilator Co. Inc., Wheeling, III. - hot food serving tray.

Solar-Steadman Containers Ltd., London - railtainer system.

Kloeckner-Steadman Containers Gmbh., Duisburg, Germany container systems. L.T.D. Building Prod., Liverpool, U.K. - chemical building products.

Wingard, Limited, Chichester, Sussex, U.K. - buckles.

Mickey Truck Bodies, High Point, N.C. steel truck bodies

Reddish Chemicals Ltd., Cheadle, Cheshire, U.K. - veterinary products.

J. P. Buchart & Sons, Glenrothes, Fife., U.K. - supermarket grocery carts.

Manufacturing Co., Philadelphia - grandfather clocks, solid state stereos.

Harland Eng. Co. Ltd., London, U.K. - hydraulic components.

Hoselock Ltd., Haddenham, Bucks, U.K. - oscillating lawn sprinklers.





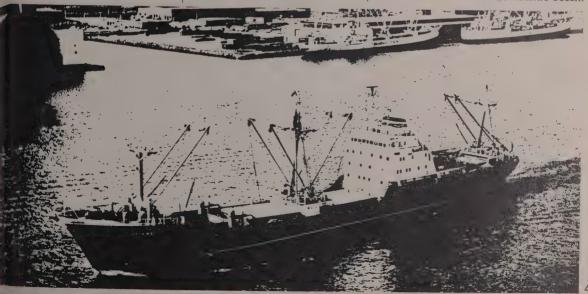
Branch plants were established by Ontario companies in five countries during the year. Manufacturing products ranging from toys and cosmetics to synthetic rubber and measuring instruments, the companies and the locations of their new foreign operations:

ufkin Rule Co. of Canada, Barrie - Emmen, Holland. Aurora Plastics of Canda Ltd., Foronto - Croydon, England. Monarch Massage Equipment Ltd., Fort Erie - London, England. Lake Ontario Steel Co.,
Whitby - St. Paul, Minn.
Shaver Poultry Breeding Farms,
Galt - Courtney (Paris), France.
Polymer Corporation,
Sarnia - Brussels.
MacLaren Advertising International
Limited, Toronto - Paris.
Livingston Wood Mfg. Ltd.,
Tillsonburg - Wilton Mills, Derbys.,
England.
ESTEE Lauder Cosmetics Limited,
Toronto - Oevel, Belgium.
Robson-Lang Leathers Ltd.,
Oshawa - East Kilbride
(Glasgow) Scotland.



Officials of Aeralpi Linee Aeree, Milan, take delivery of the first of an order of de Havilland Twin Otter aircraft built at the company's Downsview plant. Ontario businessman demonstrates vacuum cleaner in Greece.

Sea-going freighters serve Ontario centres as far as 2,300 miles from the Atlantic Ocean.



Agricultural Services

Ontario food and agricultural products gained new export sales in 1967. The departments of Trade and Development, and Agriculture and Food co-operate to further develop export markets. Close liaison through the Ontario Food Council results in efficient and effective promotion, market ing and sales.

Initial sales by Ontario food processers and wine producers taking part in Ontario sales missions, or exhibiting at food council displays at overseas food fairs, exceeded \$6,930,000 in 1967, not including repeat orders. Products included canned, fresh, and frozen vegetables, canned fruits and juices, honey, skim milk powder, cheese, jams, frozen Chinese dinners, apples, meat and meat products, pie fillings, pickles and wines.

The Ontario Food Council assisted buyers from 23 countries to secure sources of food and agricultural products in the province during the year. And on behalf of Ontario food processers, agricultural staff in Toronto and London researched markets in Europe, the U.K., the West Indies and the U.S.



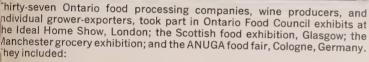
Germans sample Ontario food products at the 1967 ANUGA foo fair, Cologne. West German President Heinrich Luebke wa among patrons to drink a toast in Ontario tomato juice



Food products for world markets









Display of Ontario wines at Niagara Falls is aimed at tourists. Ontario lettuces are air freighted to the Caribbean.

nited Co-operatives of Ontario. /eston

hateau Gai Wines Ltd.,

oronto ondon Winery Ltd.,

ondon

he Chun King Corporation Canada Ltd.,

indsor

he Howard James Company Ltd., lenheim

anada Packers Limited,

pronto

wift Canadian Co. Ltd., pronto

okely-VanCamp of Canada Ltd.,

sex

nart Bros. Ltd., ollingwood

lada Foods Ltd., on Mills

ford Fruit Co-operative Ltd., odstock

pnarch Fine Foods Ltd.,

xdale

ple Leaf Mills Ltd.. ronto

ngsmill Foods Ltd., ronto

by, McNeill & Libby of Canada Ltd., atham

agara Food Products Ltd.,

oney Creek

liam D. Branson Ltd., ronto

tario Tree Fruits,

ck Diamond Cheese Ltd., leville

Bick's of Canada Ltd., Scarborough The Ontario Honey Producers Co-op

Ltd., Toronto

Baker Guennel Ltd.. Scarborough

Canadian Canners Ltd.,

Hamilton

Cook Bros. Milling Co. Ltd., Hensali

W. G. Thompson & Son Ltd.,

Blenheim

Ontario White Bean Growers Co-operative,

Zurich Federal Farms Limited,

Bradford

Hardee Farms International Limited. Bradford

United Farms Limited. Toronto 18

The Howard James Co. Limited,

Blenheim Springdale Farms Limited.

Bradford

Klondyke Gardens, Grand Bend

W. D. Branson Limited, Toronto

Ontario Produce. Bradford

Oxford Fruit Growers, Woodstock

Norfolk Fruit Growers.

Simcoe

Colbright Orchards, Colborne

Growth Inventory



Marketing Abroad

Nineteen Ontario sales missions comprising a total of 170 manufacturers visited 16 countries in 1967 under the Province's continuing "trade crusade" Businessmen on the missions sold more than \$40,205,712 worth of their products initially, plus millions more in repeat orders. The missions, and companies represented:

January 8-Detroit

B & K Machinery International Ltd., Toronto Seeburn Metal Products, Beaverton

Elgin Springs Ltd., Cayuga Apex Metals (Kitchener) Ltd., Kitchener Algoma Manufacturing Tool & Die Ltd., Oshawa

Zenith Plastic Plating Ltd., Rexdale Stratford Machine & Tool Co. Ltd., Stratford

Thermoset Plastics (Guelph) Ltd., Guelph

Accurate Machine & Tool Ltd., Weston Trimco Products Ltd., Galt Harth Industries, Galt Domal Industries Ltd., Toronto Lakehead Industries Ltd., Kingsville Kenhar Industrial Supply Co. Ltd., Brampton

A. G. Simpson Co. Ltd., Scarborough

January 27-United Kingdom

Aurora Plastics of Canada Ltd., Rexdale Mercury Tool & Stamping Ltd., Rexdale Irwin Specialities Ltd., Toronto Reach Plastics & Chemicals Ltd., Cornwall

Munro Games Ltd., Burlington Canadian Arctic Producers Ltd., Ottawa Carousel Toys, Weston

February 3-United Kingdom

Bostlund Industries Ltd., Oak Ridges Burke-Wallace Ltd., Rexdale Iroqrafts, Ohsweken Vanam & Associates Ltd., Toronto Fantasy Copperware Canada Ltd., Toronto February 20-Germany

Beach Industries Ltd., Smith's Falls Dominion Tape of Canada Ltd., Cornwal Stewart Hartshorn Ltd., Renfrew Beautiline Ltd., Weston Lang Bros. Speciality Co. Ltd., Toronto Klassen Bronze Ltd., New Hamburg The Lufkin Rule Co. of Canada Ltd.,

Royal Canadian Art Pottery, Hamilton Aerosol Packaging of Canada Ltd., Thornhill

Nibot of Canada Ltd., Toronto

March 2-Holland

Clawsey-Sohrt Mfg. Co. Ltd., Preston Alcan Building Products Ltd., Scarborough

Wade International Ltd., Don Mills Reliance Tool & Die Castings Ltd., St. Thomas

Gummed Papers Ltd., Toronto Sentinel Aluminum Products Co. Ltd. Don Mills

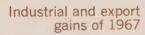
Canadian Johns-Manville Co. Ltd., Port Credit

Upsonbuilt Ltd., St. Catharines Sternson Ltd., Brantford Onward Hardware Ltd., Kitchener

March 10-Italy

A. A. E. Aerospace Products, Rexdale Canadian Controllers Ltd., Scarborough Rotaflex of Canada Ltd., Toronto Pliotron Corporation of Canada Ltd., Hamilton

Toronto-made women' blouses displayed in the window o Ontario House, London







Electronic Associates of Canada Ltd., Willowdale

A. C. S. Advanced Car Specialties Ltd., Scarborough McInnis Conveyors Ltd., Windsor

Thermovolt Instruments Ltd., Toronto London Winery Ltd., London April 7-United Kingdom

Steadman Industries Ltd., Cooksville Galion Manufacturing of Canada, St. Thomas

H. G. Brown Ltd., Don Mills

Advance Data Processing Ltd., Guelph Howards & Sons (Canada) Ltd., Cornwall Constellation Hardware Canada Ltd., Don Mills

Comfy Home Furnishings Ltd., Toronto Ontario Honey Producers Co-Op Ltd., Scarborough

Hammond Manufacturing Co. Ltd., Guelph

Brascop Products Ltd., Toronto Acmetrack Limited, Rexdale

April 22-Germany, Italy Richmond Hill Laboratories Ltd., Scarborough Timberjack Machines Limited, Woodstock

Viking Pump Co. of Canada Ltd., Windsor

Boston Insulated Wire & Cable Ltd., Hamilton

Gelatin Capsules Ltd., Windsor Huntec Limited, Toronto Franklin Mfg. Co. (Canada) Ltd., Galt

May 15-New York City Johnson, Matthey & Mallory Ltd., St. Catharines

The Ontario Rubber Co. Ltd., Toronto Stanfield Industries Ltd., Toronto L'enfant, Toronto

Hydraulic Power Corporation Ltd., Ajax Amara Machines Ltd., Rexdale Continental Originals, Toronto Takna Ltd., Toronto Edith Werner's Little Lady Co. Ltd.,

May 23-Cleveland

Toronto

Canadian Office & School Furniture Limited, Preston Burlington Steel Co., Hamilton Everingham Bros., Ltd., Toronto Hodgins Brothers Ltd., Ottawa Tube Vend Ltd., Scarborough Frank T. Ross & Sons Ltd., West Hill Morrow Screw & Nut Co. Ltd., Ingersoll McLean Bessener Industries Ltd.,

June 16-Italy

Brantford

Canadian Breweries Ltd., Toronto Carr-Harris Products Ltd., Oakville Kroy Unshrinkable Wools Ltd., Toronto Dominion Electrohome Industries, Kitchener

Amphenol Canada Ltd., Scarborough Kralinator Filters Ltd., Preston Pierce-All Manufacturing Ltd., Rexdale Harwood Photomount Specialties Ltd., Toronto



Ontario wines are winning increasing export sales.

August 22-Chicago

Kingsmill Foods Limited, Toronto Wallaceburg Brass Limited, Wallaceburg Sihi Pumps Limited, Guelph Associated Tool & Mfg. Co. Ltd., Downsview

Pritchard X-Ray Mfg. Limited, Richmond Hill Kingmed Limited, Kingston

Texpack Limited, Relations
Texpack Limited, Brantford
Measurement Engineering Limited,
Arnprior

September 11-Czechoslovakia, Hungary, Yugoslavia

Aero Tool Works Limited, Toronto B & K Machinery International Ltd. Toronto

George Kelk Limited, Don Mills Interag Food Exports of Canada, Port Perry

Canada Packers Limited, Toronto Barringer Research Limited, Rexdale

September 26-Finland, Sweden, Norway, Denmark

Koehring-Waterous Limited, Brantford Fisher Gauge Works Limited, Peterborough

H & A Supply Co. Limited, Burlington Norfolk Knitters Limited, Port Dover Nash & Harrison Limited, Ottawa Miller Mfg. & Development Co. Ltd., Thorold E. J. Wright Central Limited, Strathroy

October 27-United Kingdom

Coles Publishing Co. Ltd., Toronto Canadian Curtis-Wright Ltd., Rexdale Dashwood Industries, Centralia Centaur Manufacturing Co. Ltd., Richmond Hill

Wrap-O-Matic Machinery Co. Ltd., Scarborough

Sovereign Water Conditioners Ltd., Richmond Hill

Canadian Canners Ltd., Hamilton Avon Jewellery Ltd., Belleville

October 30-Boston

Electronic Craftsmen, Waterloo Welwyn Canada Ltd., London Precision Small Parts Ltd., Willowdale Muirhead Instruments Ltd., Stratford Hammond Manufacturing Co. Ltd., Stratford

Desitron Co. Ltd., Scarborough
Precision Electronic Corp. Ltd., Toronto
Graphico Precision Works, Scarborough
The De Havilland Aircraft of Canada
Ltd., Malton
Cramco Alloy Sales Ltd., Scarborough

Cramco Alloy Sales Ltd., Scarborough Amphenol Canada Ltd., Scarborough

November 3-France, Belgium

Brydon Brass Mfg. Co. Ltd., Rexdale Bartell Industries Ltd., Weston Certified Automotive Products Ltd., Rexdale

Forsythe Lubrication Assoc. Ltd., Hamilton

Owl-Lite Equipment Ltd., Fort Erie Water Spyder Marine Ltd., Downsview Ideal Venders, Deseronto Webster Air Equipment Ltd., London Highland Queen Sportswear Ltd., Toronto

November 9-Portugal, Spain

Canefco Ltd., Scarborough Rieke Metal Products Canada Ltd., Brampton

Supreme Aluminum Industries Ltd., Scarborough

K-Vet Laboratories Ltd., Hespeler Levine Bros. Hides Ltd., Toronto Delamere & Williams Co. Ltd., Toronto National Rubber Co. Ltd., Toronto Truform Industries Ltd., Weston Aimco Automotive Industries, Cooksville

November 10-United Kingdom Slant/Fin Ltd., Malton

Waldec of Canada Ltd., Rexdale Rixson of Canada Ltd., Rexdale Amerock Ltd., Meaford Lloyd - Truax Ltd., Wingham Mason Windows Ltd., Agincourt Building Products of Canada Ltd., Rexdale Glazed Finishes Ltd., Toronto Skil Corporation Canada Ltd., Toronto Canadian Rogers Eastern Ltd., Toronto

Canadian Rogers Eastern Ltd., Toror Goderich Mfg. Co. Ltd., Goderich Acmetrack Ltd., Rexdale The Daymond Co. Ltd., Chatham



New Manufacturing Establishments

The following 132 new manufacturing establishments were among the more important firm entering secondary manufacturing in Ontario in 1967. To be included in the listing the new establishment must either employ 10 persons, occupy 5,000 square feet of manufacturing of assembly space, or have sales in excess of \$100,000 annually.

COMPANY AND PRODUCT	ORIGIN
Hydraulics and parts for aircraft	ydraulic Canada
Acme Paper Products Company Limited, Vaughan Township Corrugated containers	Canada
Affiliated Medical Products Limited, Ajax Surgical latex gloves	
Agricultural Chemicals Limited, Thurlow Tov (Cannifton) Fertilizer	wnship Canada
Alcan Design Homes Limited, Woodstock Prefabricated homes	Canada
Auto accessories; custom stampings; heating	Canada equipment
Alkaline Batteries (Canada) Limited, Markha Township (Thornhill)	am U.K.
American Superior Electric Company Ltd., T Belleville Precision electric motors	11.0
Ampex of Canada Limited, Consumer and Educational Products Division, Mississauga Magnetic tape recorders	(Malton)U.S.
Applied Chemical Foams Limited, Oakville Radar domes	Canada
Architectural Metal Industries, Division of R Industries Ltd., Metropolitan Toronto Stainless steel washroom accessories	R.T.A. Canada
Artex Hobby Products of Canada, Limited, Metropolitan Toronto	U.S. nted or embroidered)
Arvid Machine and Tool Co. Limited, Windso Fixtures and tools	
Astron Specialty Metals Limited, Waterloo Custom sheet metal products	Canada
Atkinson Metal Craft, St. Marys Sheet metal duct work	Canada
Atlas Reels Company Limited, North Himsw Township	vorth Canada
Automation Devices Canada Limited, Niaga Vibrating machinery	ra FallsU.S.
Baycar Steel Fabricating Limited, Sudbury. Mining hardware and vent duct	Canada
Blue Bell Canada, Ltd., Carleton Place Denim jeans and shirts	Canada
Bray, W. D., Rivet Co. Limited, Gananoque. Semi-tubular and solid rivets	
CIP Containers Limited, Markham Kraft corrugated packaging	
Cadillac Plastic and Chemical Company of Limited, Metropolitan Toronto	

COMPANY AND PRODUCT	ORIGIN
Campbell Silo Company, Woodstock	.Canada
Canadian Christmas Decorations Limited, Bowmanville	U.S.
Canadian General Electric Company Limited, Chemical Materials Section, Pickering Township Paints and compounds	
Canadian Industries Limited, Timmins	.Canada
Canadian Metal Rolling Mills Limited, Mississauga (Cooksville)	. Canada
Custom roll-formed steel Canadian Morbark Limited, North Bay Accessories for pulp and paper machinery	U.S.
Carveyor Canada Limited, Centralia	U.K.
Centennial London Cabinets Limited, North Dorchester Township (London)	. Canada
Citsalp Industrial Plastics Limited, Glanford Township Custom reinforced plastics	. Canada
Clarke Floor Machine Company (Canada) Limited, Metropolitan Toronto	U.S.
Coleman Containers Limited, Metropolitan Toronto Printed cartons	
Conocaco Mines Limited, Waubamik	
Crane Canada Limited, Valve Division, Brantford Valves and plumbing brass	.Canada
Dodge Fibers of Canada Limited, Mississauga (Cooksville)	.Canada
Duncan Parking Meters of Canada Limited, Metropolitan Toronto Parking meters	U.S
Electro-Air Canada, Limited, Metropolitan Toronto Flectronic air cleaners	.Canada
Emco Limited, Plastics Division, Brampton	.Canada
Enrico Manufacturing Limited, Kitchener	
Essex Steel Corporation Limited, Tilbury Open web structural steel	
Exomet of Canada, Limited, South Grimsby Township Exothermic products	1
Fabricon Manufacturing Limited, Trenton Electrical cable and wire	1
Farr Company Ltd., Metropolitan Toronto	
Fastforms Limited, Guelph	.Canada

Continuous snap-out forms

COMPANY AND PRODUCT ORIGIN
Findlay Pallet Company Limited, Scone (Chesley)Canada Wood pallets
Firestone Steel Products of Canada Limited, LondonU.S. Wheels for automotive industry; parts for farm equipment
Flamingo Pastries Limited, Port PerryCanada Butter tarts
Furnas Electric Canada, Ltd., Metropolitan TorontoU.S. Control switches
G.M.P. Associates, HawkesburyCanada Electronic components
G and W Machine, Waterloo
Golden Gate Industries, Metropolitan TorontoCanada Twin-hulled houseboats
Goodall Rubber Company of Canada, Limited, CollingwoodU.S. Rubber belting and hose
Grandview Industries Limited, Metropolitan TorontoCanada Plastic piping
Green Giant of Canada Limited, London
labasit (Canada) Limited, OakvilleSwitzerland ndustrial belting
Haugh, Gordon, Packaging Company Limited, Metropolitan Toronto
layes-Dana Limited, Thorold Township
lepburn, John T., Limited, Mississauga (Malton)Canada Overhead cranes; special purpose machinery
lobbs-Williams Machinery Limited, Mississauga Malton)U.S.
Plastic extruder machines loles-We bway Company of Canada Limited, The, letropolitan Toronto
nglis, John, Co. Limited, Saltfleet TownshipCanada efrigerators and freezers
nternational Cooperage Company of Canada, imited, Belleville
iternational Flavors and Fragrances (Canada) Ltd., aughan Township
romatic chemicals and perfumes ternational Rectifier Canada Limited, Metropolitan
prontoU.S.
terprovincial Co-operatives Limited, Vaughan bwnship (Maple)Canada erbicides and insecticides
nney Emblematic Jewelry Canada Limited, agara FallsU.S. nblematic jewellery
omet Handles Limited, Galt
O-F Glass of Canada Ltd., Collingwood
ars of Canada Limited, Oakville
kehead Insulation and Plastics Limited, Port Arthur.Canada preglass and plastic products
store Ceramics, Niagara Falls
C.C. Precision Products Limited, BurlingtonCanada tomatic screw machine products; electro-mechanical emblies

COMPANY AND PRODUCT	ORIGI
Spring-powered brake actuators	U.S
Meccano Triang Division, Lines Bros. (Canada) Ltd., Metropolitan Toronto	U.K
Merlin Mills Division of LaFrance Textiles Canada Limited, Kitchener Upholstery fabrics	Canada
Mid West Steel Limited, Murillo (Fort William)	
Miehle-Goss-Dexter Americas Company, Lawson Division, Galt Paper cutting machines	U.S.
Moldmet Limited, Guelph	.Canada
Muskoka Charcoal Company, Chaffey Township (Huntsville)	.Canada
Nadco Health Equipment Limited, Mississauga (Lakevi Health equipment	ew).U.S.
National Containers (Central) Ltd., Metropolitan Toronto	.Canada
Metal drums and containers National Rejectors of Canada Limited, Metropolitan	
Toronto	U.S.
National Starch and Chemical Co. (Canada) Ltd.,	.Canada
New Castle Products (Canada) Limited, Summerstown (Cornwall)	.Canada
Newdon Industries Limited, Fergus	
Numatics-Canada Air Controls Ltd., Metropolitan Toror Air valves and controls	
Dakridge Manufacturing Limited, Oakville Plastic extrusions and blow moulding	Canada
Original Equipment Manufacturing Limited, Sudbury Snowmobiles; potato harvesters	
Ottacon Products, South Gloucester Township	Canada
Ottawa Foundry Company Limited, The, Nepean Township	Canada
Ottocrete Limited, Southampton	
Packaging Overload Limited, Metropolitan Toronto(Aerosol and liquid packaging	
Patterson, John Craig, Limited, Burlington(Display material Phillips Drill Company, Markhary Tayyukiy	
Phillips Drill Company, Markham Townshipelf-drilling concrete anchors Plastic Moulders Limited, Metropolitan Toronto(
Custom injection mouldings Rainbow Chemicals Limited, Watford	
iquid fertilizer oll-O-Sheets, Limited, Metropolitan Toronto	
ertorated plastic sheet oy, Milton, Industries Ltd., Peterborough	
letering and proportioning pumps . F. Tubing Limited, Simcoe	
letal hydraulic tube assemblies for mobile equipment mo Limited, Waterloo	

COMPANY AND PRODUCT	ORI
Skyway Fertilizers Limited, South Grimsby Township	
(Smithville)	.Can

GIN

Farm fertilizer and agricultural chemicals Solar-Mold Plastics Limited, Preston......Canada Plastic custom moulding; plastic cups

Spar Aerospace Products Ltd., Mississauga (Malton)...Canada Aerospace electronics

Speedrack Limited, Burlington......U.S. Adjustable racks and shelves

Spoolon Manufacturing Limited, Lindsay......Canada Disposable metal spools for wire and cable industry

Square D Company Canada Limited, Stratford......Canada Electrical control and distribution equipment

Star Marine, Fergus......Canada Fibreglass boats

Stereodyne (Canada) Limited, Metropolitan Toronto.....U.S. Stereo cartridge tapes

Structural Glass Eastern Limited, Ajax......Canada Reinforced plastic building products

Supertest Petroleum Corporation, Limited, Preston....Canada Gasoline pumps and accessories

Swanson Sprayer Manufacturing,

Cosmetics

> Collingwood Township (Clarksburg)......Canada Spraying machines

Swift Canadian Co. Limited, Chinguacousy Township

(Bramalea)......Canada Adhesive products

Swingline of Canada, Ltd., Metropolitan Toronto......U.S. Industrial and commercial staplers; office ledger equipment

Tarra Tool Limited, Waterloo.......Canada Tool and dies: custom machine work

Three Colours Cheese Limited, Oakville.....Italy Italian specialty cheeses

Travelaire Trailer Manufacturing Limited, Woodstock...Canada Travel trailers and truck campers

Trophy Nuts Limited, Metropolitan Toronto......U.S. Nut products Ulay (Canada) Limited, Metropolitan Toronto......U.S.

Union Carbide Canada Limited, Mississauga (Malton).. Canada Apparatus for gas products

United-Carr Canada Limited, Brantford......Canada Automotive relays and flashers

V.C.A. Manufacturing of Canada Limited, Richmond Hill...U.S. Aerosol valves

Vagden Mills Limited, Trenton...... Canada Men's and boys' hosiery Vanfore Limited, Wallaceburg......Canada

Die casting trim dies Wardrop and Buckley Lumber Co. Limited, Hepworth.. Canada Dimension lumber

Western Machinery Company (Canada) Ltd.,

Metropolitan Toronto......U.S. Pumps Whitaker Cable of Canada, Limited, Owen Sound......U.S.

Electrical wiring assemblies Wiik and Hoeglund (Canada) Ltd., Huntsville......Finland

Large diameter plastic pipe Wing Success Limited, Niagara Falls......Canada Industrial trade exhibits; store fixtures and displays

Winliz Instrumentation Limited, Brantford......Canada Hospital equipment Xerox of Canada Limited, Oakville......U.S.

Toner and developer Zollner Canada Limited, Leamington......U.S. Automobile pistons







Joint Ventures

The following 14 joint ventures were negotiated in Ontario in 1967. A joint venture is the uniting of Ontario industrialists or financial interests with persons, or companies, from inside or outside the province who wish to have products manufactured in Ontario through the formation of a jointly owned company.



THE TENTONE AT MODOCI	FRINCIPALS
BLH-Bertram Limited, Dundas Construction equipment	s Baldwin-Lima-Hamilton Corp., Construction Equipment Division, Ohio, U.S.A. Levy Industries Limited, Metropolitan Toronto.
Barnes Pumps of Canada Limited, Mississauga (Cooksville) Water systems; sewage, utility and contractor's pumps	Barnes Manufacturing Co., Ohio, U.S.A. Mr. R. E. Templin, Metropolitan Toronto.
Betaseal Canada Limited, Brantford Sealants	B.F.C. Division of Essex Chemical Corporation, New Jersey, U.S.A. Sternson Division of G. F. Sterne and Sons Ltd., Brantford.
Kent County Fertilizers Ltd., Eberts Farm fertilizers and agricultural Chemicals	Cyanamid of Canada Limited, Montreal, Quebec Mr. A. DeWitte, Chatham. Mr. M. Neutens, Ridgetown. Mr. T. Youlton, Ridgetown.
aars of Canada Limited, Dakville Hot water boilers	Teledyne Corporation, California, U.S.A. Mr. J. W. Sargeant, Burlington.
Mueller-Richardson Limited,	Paul Mueller Company.

Missouri, U.S.A.

St. Marys.

Teflon wire; special and coaxial Industrial Wire and Cable Co.

ables Limited

C. Richardson Co. Ltd.,

Massachusetts, U.S.A.

Metropolitan Toronto.

Simplex Wire and Cable Co.,

Stainless steel containers and

Ni-Sil Cables Limited,

Metropolitan Toronto

	3 3 000 3 508
JOINT VENTURE & PRODUCT	T PRINCIPALS
Parr Paints and Sealants of Canada Limited, Metropolitan Toronto Paints and sealants	Parr Paint and Colour Company, Ohio, U.S.A. Unicon Holdings Limited, Metropolitan Toronto.
Scotch Fertilizers (Glencoe) Limited, Shedden Farm fertilizers and agricultura chemicals	Cyanamid of Canada Limited, Montreal, Quebec. / Mr. D. MacDonald, Glencoe.
Skyway Fertilizers Limited, Smithville Farm fertilizers and agricultura chemicals	Cyanamid of Canada Limited, Montreal, Quebec. / Mr. W. Pollard, Metropolitan Toronto.
Small Fibre Stampings Limited, Metropolitan Toronto Fibre and plastic insulation components	Taylor Corporation, Pennsylvania, U.S.A. Small Fibre Stampings Limited, Metropolitan Toronto.
Supreme-Clopay Limited, Metropolitan Toronto Decorative plastic wall coverings	Clopay Corporation, Ohio, U.S.A. Supreme Aluminum Industries Limited, Metropolitan Toronto.
Ure-Al Corporation (Canada) Limited, Metropolitan Toronto Plastic pipe insulation; shipping containers	Ure-Al Corporation, New York, U.S.A. Morval Products Company Limited, Kitchener.
Williams Form Hardware and Rock Bolt (Canada) Limited, Ingersoll Form Hardware and rockbolts	Williams Form Hardware and Rockbolt Company, Michigan, U.S.A. Morrow Screw and Nut Company, Ingersoll.



Licensing Arrangements

A total of 125 licensing arrangements were made by Ontario companies in 1967 in their pursui of additional products and diversification. In the following tabulation the name of the licensee i followed by that of the licensor and the product involved in each arrangement.

Abitibi Paper Company Ltd., Toronto Champion Papers Inc., Hamilton, Ohio Highgrade cast coated paper Air Company of Canada, Scarborough Gidion's, Milan, Italy Special tents for camping Albrecht Manufacturing Limited,

Mrs. Ingeborg Thiel, Shade O'Sun Co.,

Adjustable sun shade for beach use Allen Wood Products Limited, Fenelon Falls

Burroughs Research & Development, Inc., New York, N.Y. "Magic Wood"

Alright Distributing Limited, Downsview The Panel-Clip Company, Farmington, Michigan

Panel clips

Aluminum Company of Canada, Limited

Reynolds Metals Co., Richmond, Virginia

Foil baking pan

Aluminum Goods Limited, Toronto

Philip Rhodes, New York, N.Y. SB-12 Petrel aiuminum boat Ampak Limited, Toronto

Cook Chemical Company, Kansas City, Missouri

Spray dispensers

Armstrong Jones Ltd., Toronto Kittell Muffler and Engineering,

Los Angeles, California Silencers for engines

B. K. & B. Truck Bodies Limited,

Mickey Truck Bodies Inc., High Point, North Carolina Aluminum truck bodies for beverage

B & M Mfg. Chatham Limited, Chatham Koratron Company of Canada,

Montreal, Quebec

Perma-pressed pants

Bach-Simpson Limited, London

Measuring & Scientific Equipment Ltd., London, England

Medical and scientific centrifuges

Bardeau Ltd., Downsview Charter Design Inc.,

Minneapolis, Minnesota Commercial coffee brewer Bardeau Ltd., Downsview

Cockle Ventilator Co., Inc., Wheeling, Illinois

Commercial ventilators for restaurants, hotels, etc.

Bata Engineering, Batawa

Adrian and Busch, Germany Automatic shoe bottom roughing machine

Beatty Bros., Division of General Steel Wares Ltd.,

Metal Coating Corporation Medalist Tank Division Chicago, Illinois "Medalist" tank

Black Clawson-Kennedy Ltd.,

Owen Sound

BHS-Fest

Huttenwerk Sonthofen Sonthofen/Allgau, Germany High capacity rotary filters Black Clawson-Kennedy Ltd., Owen Sound

Krofta Engineering Corporation, Lenox, Massachusetts Flotation save-alls for effluent clarification and fibre recovery Canada Machinery Corporation Ltd.,

E. W. Bliss Company, Canton, Ohio Mechanical and hydraulic presses

Canada Machinery Corporation Ltd.,

Cleveland Crane & Engineering Co., Steelweld Machinery Division Wickliffe, Ohio Press brakes and metal shears

Canadian Car Fort William, Fort William

R. M. Hahn, Schroeder, Minnesota Tree trimmer

Canadian General Electric Company Limited, Toronto

Admiral Corporation, Chicago Color television tubes Canadian Hair Cloth Co. Limited,

St. Catharines Quick Service Textiles Inc.,

Chicago, Illinois Ban-rol waist band stiffener Canadian Sauna Sales

Division of Powco Steel Products Ltd., Toronto

Oy Slev AB, Kauklahti, Finland Sauna heater units

Canadian Seating Company Limited,

Clarin Manufacturing Co., Chicago, Illinois Folding chair

Canadian Wallpaper Manufacturers Limited, Toronto

Mattel Inc., Hawthorne, California Patented wallpaper designs Carnegie Laboratories, Cooksville Hawaiian Surf Industries Inc.,

Deer Park, N.Y. After-shave cologne Charlescraft Corporation (Canada) Ltd.,

Mai-Kai, Chicago, Illinois

Patio torches Charlescraft Corporation (Canada) Ltd.,

Toronto Saunda, Inc., Chicago, Illinois

"Saunda" women's beauty appliances Clawsey-Sohrt Mfg. Co. Limited,

Preston

York-Shipley, Inc., York, Pennsylvania Industrial oil and gas suspended furnaces Columbia Shirt Manufacturing Ltd.,

Grunwald-Marx, Inc., Los Angeles, California

Sport shirts

Conway Electronic Enterprises Limited, Toronto

Advance Electronics Limited, Hainault, Ilford, Essex, England Electrical and electronic instruments Conway Electronic Enterprises Limited,

Toronto Belling and Lee Limited

United Kingdom Electronic components, amplifying devices and system

Coopex Plastics Co. Ltd., Toronto

Moblay Co. Inc., Wadsworth, Ohio Range of toys

Corrosion Services Company Limited,

The Harco Corporation, Cleveland, Ohio Self-regulating cathodic protection Davis Controls Limited, Islington Mercoid Corp., Chicago, Illinois

Temperature controls Delta Electronics Limited, Toronto Ameco, Inc., Phoenix, Arizona

Electronic equipment Dentor Enterprises Limited, Toronto

Plastica, Milan, Italy "Sno Karts"

Dominion Bridge Company Limited, Construction Products Division, Toronto

Sound Lock Corp. Atlanta, Georgia Metal acoustical tile

Dominion Welding Engineering Company Ltd., Maple

Nutter Engineering Company, Tulsa, Oklahoma Nutter float valve trays and sieve trays

Door-Oliver-Long Limited, Orillia Casting Materials Company Meehanite Western Hemisphere Inc.,

Dorval, Quebec Patented porous plug (Gazal Process)

for manufacture of nodular iron **Dunlop Canada Limited, Toronto** Oliver Rubber Ltd., Toronto

Rubber products

Duo-Matic of Canada, Waterford Bettcher Manufacturing Corp. Cleveland, Ohio

"Panelbloc" infra-red heating equipment

ETF Tools Limited, St. Catharines Savage Inc., Elverson, Pennsylvania Three-bladed saw

Electro-Air Canada, Limited, Toronto Electro-Air Co. Pittsburgh, Pennsylvania Electronic air cleaners

Electronic Associates of Canada Ltd., Willowdale

Beloit Corp. Beloit, Wisconsin Microwave moisture detection system Electronic Associates of Canada Ltd., Willowdale

Consolidated Papers, Inc., Wisconsin Rapids, Wisconsin System for measurement and control of caliper of paper, etc.

Electronic Associates of Canada Ltd., Willowdale

Oxford Paper Co., New York, N.Y. Paper machine monitor

FWD Corporation (Canada) Ltd.,
Kitchener
Standard Manufacturing Co.,
Dallas, Texas
Material handling products
Fisher & Ludlow
Division of British Motor Corporation
of Canada Limited
Burlington
Metal Service Company Incorporated,
Springfield, Virginia

Springfield, Virginia
Precision stacked steel stairways
The Alexander Fleck Limited, Ottawa
Huber Corporation, Mariana

Huber Corporation, Marion, Ohio Road rollers

A. Foxcroft and Associates Ltd., Toronto

Braby Group of Britain,
London, England
Silent diesel engine, generator sets, etc.
Genaire (1961) Limited
St. Catharines
Auto Products AB,
Stockholm, Sweden
Skiddometer BV-6



Electronic Associates of Canada Ltd., Willowdale

International Paper Co. Southern Kraft Division, Mobile, Alabama Pulp brightness measuring

Pulp brightness measuring system

Elequipment Limited, Oakville Amco Engineering Co., Chicago, Illinois Aluminum extrusions

FWD Corporation (Canada) Ltd., Kitchener

ranklin Equipment Company Inc., ranklin, Virginia

ogging and related equipment

Hallmac Limited, Hespeler
Shepherd Products Inc.,
St. Louis, Missouri
Utility buildings
John T. Hepburn Limited, Toronto
Casting Materials Company
Meehanite Western Hemisphere Inc.,
Dorval, Quebec
Patented porous plug (Gazal Process)
for manufacture of nodular iron
Hi-Lo Equipment (Canada) Limited,
Etobicoke
Portable Balers Limited,
Birmingham, England
Paper balers

Hudson Sportswear Manufacturing
Co. Ltd., Toronto
Busstop in Wheels, New York
Raincoats, suits and overcoats
Imex Diversified Corporation Limited,
Cooksville
Talleres Electromecanicos Gorostiza,
Bilbao, Spain
Electromagnetic brake retarders
Industrial Process Equipment Co. Ltd.,
Toronto
Hirt Corp., Los Angeles, California
Air pollution control
Industrial Process Equipment Co. Ltd.,
Toronto

Toronto
Lanly Corp., Cleveland, Ohio
Industrial ovens and furnaces
Industrial Process Equipment Co. Ltd.,
Toronto

Singer Co., Cobble Division, Chattanooga, Tennessee Carpet finishing systems Industrial Wire & Cable Company Limited, Toronto Simplex Wire and Cable Co., Cambridge, Massachusetts

High voltage insulated wire Interiors International Limited, Don Mills Dudas Kuypers Rowan Ltd., Toronto Habitat furniture

Irwin Specialties Limited, Toronto Lakeside Industries, Inc., Minneapolis, Minnesota "Gumby" and "Pokey" toys

Jensen Fitting Manufacturing Limited, Toronto

Micromat Co., Hillsdale, New Jersey Combination safety and relief valve for fermentation tanks

G. N. Johnston Equipment Company Ltd., Weston Sturdibilt Division Unarco Industries, Inc., Chicago, Illinois Adjustable storage racks

K-Vet Laboratories Limited, Hespeler Reddish Chemical Company Limited, Cheadle, Cheshire, England Industrial and agricultural sanitation compounds

Koehl Industries Ltd., Windsor C.E.M. Company Inc., Danielson, Connecticut "Spirol" spring pin

Lambert-Hoppen Ltd., Woodbridge R. C. Mahon Co., Detroit Spray booths and ovens The Arthur S. Leitch Company Limited, Midland

Kahn & Company, Incorporated, Hartford, Connecticut Automatic compressed air and gas F. Lepper & Son Ltd., Toronto AG fur Montagen, Switzerland Powered shoe-cleaning mat

Lexsuco Canada Limited, Toronto Western Engineering & Manufacturing Company, Venice, California "Firex" smoke and explosion vent Lockwood Manufacturing Canada,

Limited, Brantford
Systems Engineering & Manufacturing
Co., Inc.

Houston, Texas Material handling system (air and liquid) Greg Lund i Products Ltd., Oakville Power House Manufacturing Inc., Los Angeles, California Miniature water pumps and compressors McGregor Hosiery Mills, Toronto Camp and McInnes Inc., Reading, Pennsylvania D'orsay" men's hosiery
McInnis Conveyors Limited, Windsor Gottfried Bischoff KG, Essen, West Germany Air pollution and control equipment Meccano-Triang Ltd., Toronto Playskool Manufacturing Co., Chicago, Illinois Pre-school educational toys Mirraflectors Ltd., Toronto British Aircraft Corporation Ltd., London, England Plastic mirrors Muirhead Engineering Limited, Agincourt McKenzie-Ris Manufacturing Corp. Massillon, Ohio Air-cooled heat exchangers for process industries. Napanee Industries Ltd., Napanee Papec Machine Co., Shortsville, N.Y. Mobile feed makers Nash Aluminum Limited, Oshawa Porta-Table Corporation, Chicago, Illinois Portable saw table Northern Steel Products Ltd., Sault Ste. Marie C. F. Struck Corp. Cedarburg, Wisconsin 6 H.P. bulldozer Owl-Lite Equipment Limited, Fort Erie Electronic Specialties Company, Batavia, Illinois Seven-inch transistorized flashing light for construction barricades Parker Brothers Games Limited, Toronto John Waddington Ltd., Leeds, England ''Future Scientist'' game Peter-Austin Mfg. Co., Toronto Yankee Home Craft, East Natick, Massachusetts Clay moulding toys Porcelain and Metal Products Limited, Orillia Fiat Metal Mfg. Co., Inc. Plainview, New York Moulded stone shower bases and laundry and janitor tubs Protective Plastics Limited, Don Mills N. Edgar, Montreal, Quebec Portable modular insulated FRP building systems Protective Plastics Limited, Don Mills Molded Fiberglass Products, Montreal, Quebec Reinforced plastic prefabricated building panels RCA Victor Company, Ltd., Prescott Lear Siegler, Inc., Santa Monica, California Home and automotive tape playing equipment Reliable Toy Co. Limited, Toronto Empire Plastics, Tarboro, North Carolina Nine different toys

Reliable Toy Co. Limited, Toronto Kohner Bros. Inc., New York, N.Y. Counting clock Reliable Toy Co. Limited, Toronto Luis Congost, S.A., Barcelona, Spain "Dibusolo" and "Telespire" Reliable Toy Co. Limited, Toronto Marlin Tov Products. East Paterson, New Jersey Ferris Wheel and Pony-Go-Round Revere Electric Distributors Ltd.. Toronto Staff International GmbH & Co. Lemgo, West Germany Lighting fixtures Rotex Ltd., Toronto Robert Simpson Co. Ltd., Toronto Exclusive use of Glen Erin tartan for clothing and personal use items Sala Machine Works Ltd., Cooksville Clarkson Co., The, Palo Alto, California Slurry control valves Screen Print Display Advertising Ltd., Brantford Detra Set Ltd.. Copenhagen, Denmark Detra display system Sheaffer Pen Limited, Goderich Textron, Inc., Providence, Rhode Island Men's cosmetics Shully's Industries Limited, Toronto Cloisall International Corporation, Brussels, Belgium Partition systems Simcoe Mitt and Glove Co. Limited, Simcoe Wheeler Protective Apparel, Inc., Chicago, Illinois Protective clothing Smith & Stone Limited, Toronto Shamrock-Neatway Products Inc., Minneapolis, Minnesota Plastic housewares and packaging containers Somerville Industries Limited, London American Packaging Corp., The, Hudson, Ohio Polycard packaging and packaging system Somerville Industries Limited, London Certipak Corp., New York, N.Y. Cartons and machinery system Sonavision Ltd., Toronto La Belle Industries, Inc., Oconomowoc, Wisconsin Audio-visual equipment Sovereign Water Conditioners Division of Butler Metal, Richmond Hill Gallone Engineering Company Limited, Nottingham, England Residential electrostatic air cleaner Standard Coil Products (Canada) Limited, Toronto Overland Anchorlock Division of Royal Industries, Inc. Pasadena, California Spring brakes for trucking industries The Steel Company of Canada, Limited, Hamilton General Cable Corporation, New York, N.Y. Filament feed control

Temprite Industries Limited, Rexdale Solaronics, Inc., Richmond, Virginia Gas-fired infra-red equipment Thorold Welding Works Limited, St. Catharines Atlas Attachments, Inc., Houston, Texas Fork lift attachments Thorold Welding Works Limited, St. Catharines Mid Equipment Corp. Grundy Center, Iowa Special trailers Thorold Welding Works Limited, St. Catharines Robinson Ventilation Co., Zelienople, Pennsylvania Ventilating equipment Thorold Welding Works Limited, St. Catharines Tyler Corp., Benson, Iowa Fertilizer spreaders The Toronto Iron Works, Limited, Toronto L.T.V. Electrosystems Inc., Dallas, Texas Antennae for satellite earth stations Trenelek Manufacturing Company Limited, Brantford Trent, Inc., Philadelphia, Pennsylvania Ovens Truck Engineering Limited, Woodstock Willy Scheuerle Fahrzeug-Fabrik Pfedelbach-Ohringen, Wurttemberg Germany Special vehicles Twin-Cee Limited, Georgetown American Dispenser Co. Inc., New York, N.Y. Washroom accessories Twin-Cee Limited, Georgetown Artmoore Company, Inc., Milwaukee, Wisconsin Cleaning appliances Unit Step (Ontario) Limited, Woodstock A D L Cement Products Incorporated, Portland, Michigan Precast fluid holding tank Victaulic Company of Canada Limited, Weston J. Pickup & Sons (Thermosel Sales) Ltd., Marple, Cheshire, England Bellows expansion joints Wallaceburg Brass Limited, Wallaceburg Steven A. Young Corp., Flora, Indiana Automatic shut-off valve Wally Enterprises Limited, Wallaceburg The Frederick-Willys Co., Inc., Farmington, Minnesota Pool tables for home use John Walter & Sons Limited, Kitchener Syracuse Ornamental Company, Syracuse, N.Y. Woodflour furniture ornaments



Plant Expansions

The 262 additions to plants in Ontario in 1967 were valued at more than \$153,000,000. These expansions resulted in about 4,500 new jobs, and added some 6,900,000 square feet of production capacity. The companies involved:

Abitibi Paper Co. Ltd., Iroquois Falls Accurate Machine & Tool Ltd., Weston Acres, H. G., & Company Limited, Niagara Falls Allen-Bradley Canada Limited, Galt Allin Cable Reels Ltd., Bowmanville Alma Paint & Varnish Co. Ltd., London

Aluminum Company of Canada Limited,

Kingston
Amalgamated Metal Industries Ltd.
(AMI), Toronto

American Hoist of Canada Limited, Brampton

American-Standard Products (Canada) Ltd., Cooksville

American-Standard Products (Canada) Ltd., Windsor Anderson, A. G., Ltd., London Armstrong Jones Limited, Toronto Associated Equipment Company, The,

Leaside
Associated Tool and Manufacturing

Company, Malton
Aurora Plastics of Canada Limited,
Rexdale

B. & B. Stone Limited, Fort William B. & W. Heat Treating Limited,

Kitchener

Baltimore Aircoil of Canada Limited,

Georgetown
Barton Tubes Ltd., Burlington
Bear Equipment & Services Limited,

Scarborough
Becker Milk Co. Ltd., Scarborough

Becton, Dickinson & Co., Canada, Ltd., Clarkson Beechwood Steel Supply Ltd., Ottawa

Bellows-Valvair Ltd., Toronto
Beloit Canadian Woodlands Ltd.,

Port Arthur Benn Iron Foundry Limited, Wallaceburg Binder Tool and Mould Limited, Windsor

Blackwood Hodge Equipment Ltd., London Bliss, E. W., Company (Canada) Ltd.,

Georgetown

Booth-Glitsch Ltd., Claremont Borden Company, Limited, The, Don Mills

3 ostitch Div. Textron Canada Ltd., ong Branch
3 rass-Craft Canada Ltd., St. Thoma

Brass-Craft Canada Ltd., St. Thomas Brent, W. D., Manufacturing Limited, Malton

British American Oil Company Ltd., The larkson

British Motor Holdings Canada Limited, The, Burlington Brinton Carpets Ltd., Lindsay Building Products of Canada Ltd., Acton Bundy of Canada Ltd., Hespeler Burlington Die Castings Ltd., Burlington Butler Manufacturing Co. (Canada) Ltd., The, Burlington CCH Canadian Limited Towarts

CCH Canadian Limited, Toronto Caldwell Linen Mills Limited, Iroquois Canada Bread Co. Ltd., Toronto Canada Cup Limited, Scarborough

Canada Cup Limited, Scarborough
Canada Decalcomania Company
Limited, Scarborough
Canada Dry Limited Taxaba

Canada Dry Limited, Toronto Canada Forgings Ltd., Welland Canada Machinery Corporation Ltd., Galt

Canada Metal Co. Ltd. (Roto-Cast Division), Toronto Canada Valve Limited, Kitchener Canada Vitrified Products Ltd., St. Thomas

Canadawide Car Wash Equipment Limited, Toronto Canadian Broomwade Limited, Clarkson

Canadian Canners Ltd., Burlington Canadian Celotex Cweco Industries Limited, Ajax

Canadian Coleman Co. Ltd., Etobicoke Canadian General Electric Company Limited, Guelph

Canadian General Electric Company Limited, Oakville

Canadian General Electric Company Limited, Peterborough

Canadian-General-Tower Ltd., Galt Canadian Westinghouse Co. Ltd., Hamilton

Capitol Records (Canada) Ltd., Malton Carlton Cards Limited, Toronto Cello Products Preston Div. Borg-Warner Co. Ltd., Preston Center Tool & Mold Co. Ltd., Windsor Centerline (Windsor) Limited, Windsor Central Precision Limited, Toronto Chocolate Products Limited, Etobicoke Christie Automotive Engineering Ltd., Toronto

Clawsey-Sohrt Mfg. Co. Ltd., Preston Clay, T., Manufacturing Limited, Stratford

Collie Woollen Mills, Appleton Collier-Macmillan Canada Ltd., Galt Columbus-McKinnon Limited, St. Catharines

Comco Metal Products Ltd., Uxbridge Cornelius Manufacturing Co. Ltd., Rexdale

Croven Ltd., Whitby Dahl Brothers (Canada) Limited, Clarkson

Dalby Machine Shop Ltd., Oakville Darnell Corp. of Canada Ltd., Toronto Davidson Rubber Company Incorporated, Port Hope Dayton Rubber Co. of Canada Ltd., Division of Dayco Corp., Weston Demag Industrial Equipment Limited, Clarkson

Diamond National of Canada Limited, Brantford

Digital Equipment of Canada Limited, Carleton Place

Dominion Fasteners Limited, Hamilton Dominion Foundries and Steel Ltd., Hamilton

Domtar Construction Materials Ltd., Cooksville

Donn Products (Canada) Limited, Oakville

Dumar Paints & Chemicals Limited, Rexdale

Duplate Canada Limited, Hawkesbury DuPont of Canada Ltd., Sarnia Dutch Sash and Door Co., Chesterville ESB (Canada) Limited, Port Credit

Electronic Craftsmen Ltd., Waterloo Electric Reduction Company of Canada Limited, Port Maitland

Elkel Metal Products Ltd., Newmarket Emberley Enterprises Limited, Toronto Erie Technological Products of Canada Limited, Trenton

Esbeco (Huron) Ltd., Stratford Everest & Jennings Canadian Limited, Don Mills

Everingham Brothers Ltd., Toronto Fabricated Metals & Stampings Limited, Oshawa

Falk Corporation of Canada Limited, The, Rexdale

Fearnehough, W., (Canada) Ltd., Port Credit

Federal Bolt & Nut Co. Ltd., Toronto Festival City Metal Fabricators, Stratford Fiberglas Canada Limited, Guelph Fisher-Price Toys (Canada) Limited, Orangeville

Fordprint Lithography, Letterpress, Graphic Services, Don Mills Form-Rite Tube Limited, London Fowler, J. H., Ltd., St. Thomas

Fromm Bros. Ltd., Galt
Galt-Canadian Woodworking Machinery
Ltd., Galt

Galtex Co. Limited, Galt
Garlock of Canada Limited, Toronto
Garrett Manufacturing Limited, Rexdale
Gartner Metals Ltd., Div. of Akron
Equipment Co., Preston
Gelderland Limited, Soonbaryurk

Gelderland Limited, Scarborough General Binding Corporation (Canada) Limited, Don Mills

General Die & Machine Co. Limited, Welland

General Mills Cereals Limited, Metro Toronto General Spring Products Limited,

Kitchener General Tubes Ltd., Weston Girotti Machine Works Limited. St. Catharines Goodrich, B. F., Canada Ltd., Kitchener Grace Fibres Canada Ltd., Brantford Grand Valley Canners Limited, Dunnville Graphic Controls (Canada) Limited. Gananoque Greb Shoes Limited, Kitchener Greening Industries Ltd., Hamilton Greg Lund Products Limited, Oakville Hamilton Screen Print (1967) Limited, Burlington Harding, H., & Son Ltd., Toronto Haughton, C. F., Limited, Agincourt Heyme's Wood Products, Amherstburg Hill Refrigeration of Canada, Division of International Hardware Co. of Canada Ltd.. Barrie Hobart Manufacturing Company Limited, The, Owen Sound Hobart Manufacturing Company Limited, The, Toronto Hollingshead, R. M., Corporation of Canada Limited, Bowmanville Honeywell Controls Limited, Scarborough Huddleston and Barney Limited, Ideal Venders, Division of Eddy Match Co. Ltd., Deseronto Imperial Oil Enterprises Limited, Sarnia Imperial School Desks Ltd., Petrolia International Harvester Co. of Canada Limited, Hamilton International Tools Limited (Photometric Specialties), Windsor Inter-Provincial Inks Limited, Maple J & C Tool & Die Ltd., Windsor J. M. G. Manufacturing Co., Thornbury Jaro Manufacturing Company Limited, Woodstock Johns, O. H., Glass Company Limited, Toronto Johnson Controls Ltd., Toronto Jordan Wines Limited, St. Catharines Joy Manufacturing Company (Canada) Limited, Galt Kaiser Refractories Company, Oakville Kayson Plastics & Chemicals, Preston Keystone Fence Company. Vaughan Township Kindred Industries Limited, Midland Korlin Limited, Stratford Kysor of Ridgetown Ltd., Ridgetown Lakeshore Die Casting Limited, Guelph LeBarre, G. R., & Co. Ltd., Toronto Lely Limited, Burlington Livingston Industries Limited, Tillsonburg Lockwood Manufacturing (Canada) Limited, Brantford Lorain Products (Canada) Ltd., St. Thomas Mac-Wood Machine Co. Ltd., Brampton Major Pool Equipment Corp. (Canada) Ltd., Oshawa Manning, Maxwell & Moore, Div. Dresser Industries (Canada) Ltd., Galt Mansfield-Denman General Company Limited, Welland

Mead Johnson Canada Ltd., Belleville

Modern Wrappings Ltd., Rexdale Monsanto Canada Limited, Woodbridge Div., Woodbridge Mortimer Limited, Ottawa Mother Parker Foods Ltd., Mississauga Motor City Tool & Manufacturing Limited, Windsor Motor Wheel Industries (Chatham) Ltd., Chatham Mueller-Richardson Ltd., St. Mary's Mulder Canada Limited, Scarborough McCormick's Limited, London McDonald Welding Limited, Division of Wheelabrator Corp. of Canada, Oakville McFarren, F. B., Limited, Streetsville National-Standard Co. of Canada Limited, Guelph Natweld Steel Products Limited, Rexdale Noma Lites Canada Ltd., Scarborough Non-Ferrous Castings Ltd., Cooksville Onan Generators Canada Limited, Guelph Overhead Doors Suppliers, Div. of Precision Prefabricated Products Ltd., Rexdale Oxo Foods Limited, Don Mills Parker Brothers Games Limited, Toronto Pathex (Canada) Limited, Toronto Penn Machine & Manufacturing Co. Ltd., Toronto Penzer Products Limited, St. Catharines Perfection Automotive Products (Windsor) Ltd., Windsor Picker X-Ray Manufacturing Ltd., Bramalea Phillips Cables Limited, Brockville Plastwood Manufacturing Co. Ltd., The, Scarborough Premier Spring & Manufacturing Limited, Ayr Prestolite Co., The, Division of Eltra of Canada Ltd., Vaughan Township Proctor-Silex Ltd., Picton Pure Spring (Canada) Limited, Ottawa Purolator Products (Canada) Limited, Port Credit Ouindar Products, Ltd., Toronto R.C.A. Victor Company Limited, Prescott Regal Toy Limited, Toronto Ruggles, H. P., & Company Limited, Burlington S.K.D. Manufacturing Co. Limited, Amherstburg St. Clair Grain and Feeds, Div. of Maple Leaf Mills Ltd., Chatham St. Lawrence Cement Company, Mississauga Sainthill-Levine & Co. Ltd., Toronto Sala Machine Works Ltd., Cooksville Sargent Hardware of Canada Limited, Peterborough Scott Fluid Power Limited, Downsview Searle Industries Limited, Hamilton Sefer Limited, Paris Shamrock Chemicals Ltd., London Shantz Processing Limited, Ingersoll Sharp Sheet Metal Company Ltd.,

Woodbridge

(Canada) Limited, Thamesville Slater Steel Industries Limited, Hamilton Snowden Industrial Rubber and Plastics Ltd., Oshawa Spratt's Pet Foods Limited, Toronto Standard Tube & T. I. Limited, Woodstock Ste-Alco Company, Cooksville Steel Company of Canada Limited, The. Gananoque Stephens-Adamson Mfg. Co. of Canada Limited, Belleville Sternson Ltd., Brantford Stewart Bender (London) Limited, London Tallman, A. H., Bronze Co. Limited, Burlington Tek Plastics Ltd., Malton Thomson Beverages Limited, Owen Sound Tillsonburg Machine Ltd., Tillsonburg Top Paper Products Limited, Guelph Toronto Carton Company Limited, Agincourt Trane Company of Canada Limited, Toronto Trend Coating Limited, Toronto Triple A Manufacturing Co. Ltd., The, Scarborough Trump Hydraulics Limited, Brampton Union Carbide Canada Limited, Relleville Union Carbide Canada Limited, Walkerton Union Drawn Steel Company Limited, Hamilton Valeriote Electronics (Guelph) Ltd., Wabasso Limited, Empire Division, Welland Walbar Machine Products of Canada Ltd., Mississauga Warbo Steel Ltd., Williamsburg Warner-Lambert Canada Limited, Scarborough Wean-McKay of Canada Limited, Galt Weber Tool & Mold Limited, Midland Webster Air Equipment Limited, London Wedlock Paper Converters Limited, Cooksville White Eagle Tool & Die Co. Ltd., Windso White Mop Wringer Co. of Canada, Limited, Paris Windsor Tool & Die, Division of D & L Metals Limited, Windsor Wolverine Tube Division—Calumet & Hecla (Canada) Ltd., London Wood, W. C., Co. Ltd., Guelph Yardley of London (Canada) Ltd., Toronto York Steel Construction Ltd., Toronto

Simpson, R. J., Manufacturing Company



Trade Shows and Exhibits

Ontario-made products were exhibited at six major international trade shows in 1967. The shows and participating companies:

Northeast Electronics Research and Engineering Meeting (NEREM), Boston, Mass. Nov. 1-3.

Amphenol Canada Limited, Scarborough Cramco Solder Alloys, Scarborough

The DeHavilland Aircraft of Canada, Limited, Downsview

Desitron Company Limited, Scarborough Electronic Craftsmen, Waterloo Graphico Precision Works Limited, Scarborough

Hammond Manufacturing Co. Limited, Guelph

Muirhead Instruments Ltd., Stratford Precision Electronic Components Limited. Toronto

Precision Small Parts Limited, Willowdale

Welwyn Canada Limited, London

International Building Exhibition, London, England Nov. 15-29.

Building Products of Canada Limited, Rexdale

The Daymond Company Limited, Rexdale

Waldec of Canada Limited, Rexdale Lloyd-Truax Limited, Wingham Canadian Rogers Eastern Limited, Toronto Skil Corporation (Canada) Limited, Toronto

Mason Windows Limited, Agincourt Glazed Finishes, Toronto Amerock Limited, Meaford Acmetract Limited, Rexdale Slant/Fin Limited, Malton Rixson of Canada Limited, Rexdale

British Toy Fair, Brighton, England Jan. 29-Feb. 2.

Munro Games, Burlington Tonka Corporation, Rexdale Carousel Toy Company, Toronto Canadian Arctic Producers Limited, Ottawa

Reach Plastics and Chemicals Limited, Cornwall

Aurora Plastics Corporation, Rexdale Transogram Canada Limited, Toronto

International Gifts Fair, Blackpool, England Feb. 6-10.

Burke & Wallace Limited, Rexdale Van-Am Associates Limited, Toronto Fantasy Copperware, Toronto Bostlund Industries Limited, Oak Ridges E & A Gunther Company Limited, Brantford

Canadian Arctic Producers Limited, Ottawa

Iroqrafts, Brantford

International Household Goods and Hardware Fair, Cologne, West Germany Feb. 23-26.

Aersol Packaging of Canada Limited, Maple

Beach Industries Limited, Smith's Falls Beautiline Limited, Weston Dominion Tape of Canada Limited,

Klassen Bronze Limited, Hamburg

Lang Bros. Specialty Co. Limited, Toronto

Lufkin Rule Company of Canada Ltd., Barrie

Nibot of Canada Limited, Toronto Royal Canadian Art Pottery, Hamilton Stewart Hartshorn Limited, Renfrew

International Spring Fair, Utrecht, Holland March 7-15.

Beach Industries Limited, Smith's Falls Dominion Tape of Canada Limited, Cornwall

Stewart Hartshorn Limited, Renfrew Beautiline Limited, Weston Lang Bros. Specialty Company Limited, Toronto

Klassen Bronze Limited, Hamburg The Lufkin Rule Company of Canada Limited, Barrie

Royal Canadian Art Pottery, Hamilton Aersol Packaging of Canada Limited, Maple

Nibot of Canada Limited, Toronto

Information booths promoting Ontario opportunities in industrial development, investment, marketing and trade, were featured at 11 major foreign and domestic fairs, exhibitions and conferences in 1967.

International Samples Fair, Milan, Italy. April 12-25. Production Show '67, Toronto. May 1-5.

Hanover Fair, West Germany. May 1-6 Design Engineering Conference and Show, New York. May 15-18. American Institute of Industrial Engineers, Toronto. May 25-26. International Woodworking Machinery and Supply Show, Toronto. June 13-15 International Marketing Congress, Toronto. June 21-23. American Hospital Association

Convention, Chicago. Aug. 21-24.
National Metal Exposition and
Congress, Cleveland. Oct. 16-19.
11th Canadian Foundrymen's
Conference, Toronto. Oct. 26-27.
Northeast Electronics Research and
Engineering Meeting (NEREM),
Boston. Nov. 1-3.





DEPARTMENT OF TRADE AND DEVELOPMENT 950 Yonge Street Toronto 5, Ontario

Minister: Hon. Stanley J. Randall Deputy Minister: Stuart W. Clarkson TRADE AND INDUSTRY DIVISION
P. A. York, P. Eng.,
executive director
W. H. Richardson,
Ontario Food Council
Marketing Branch
J. J. Graham, director
Industrial Development Branch
N. R. Radford, director
International Branch
W. A. Fowler, director
Research Branch
R. T. Cooper, director
Trade Fairs Branch
L. A. Hassell, director

ADMINISTRATION DIVISION Mrs. Anne Cameron, executive director IMMIGRATION BRANCH A. S. Clark, director

WOMEN'S ADVISORY COMMITTEE Mrs. Lilah Lymburner, chairman

SPECIAL PROJECTS AND PLANNING BRANCH J. W. Ramsay, director

INFORMATION SERVICES BRANCH D. W. Beeney, director

ONTARIO DEVELOPMENT CORPORATION Alan Etchen, managing director

ONTARIO ECONOMIC COUNCIL W. H. Cranston, chairman

Ontario Offices and Representatives Abroad

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Senior Industrial Counsellor:
W. T. Thompson
Director of Agricultural Branch:
E. F. Marritt
Deputy Director, Immigration:
H. G. Donaldson
GLASGOW

GLASGOW Officer-in-Charge, Immigration: R. D. Cooper St. Andrew House, 141 West Nile Street Glasgow C.1, Scotland

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STOCKHOLM Trade and Industrial Counsellor: H. Martinsen Standvagen 7B Stockholm, Sweden NEW YORK Senior Industrial Counsellor: F. E. R. Mooney 680 Fifth Avenue, Room 1302 New York, N.Y. 10019

CHICAGO Senior Industrial Counsellor: J. B. Lewis Suite 705, 11 East Adams St. Chicago, III. 60603

LOS ANGELES Senior Industrial Counsellor: H. V. McMurray Suite 1001 606 South Olive Street Los Angeles, Calif. 90014

CLEVELAND Trade and Industrial Counsellor: R. A. Mitchell, 1940 East 6th Street, Room 923 Cleveland, Ohio 44114

ATLANTA Trade and Industrial Counsellor: H. Nellis Suite 1800 230 Peachtree Street N.W. Atlanta, Ga. 30303

BOSTON Trade and Industrial Counsellor: L. M. Cranston 755 Boylston Street Boston, Mass. 02116

KINGSTON
Trade and Industrial Counsellor:
R. Groves
48 Paddington Terrace
Kingston 6
Jamaica, West Indies



•••THE COLUMBIA PICTURES CORPORATION EXTENDS ITS HEARTIEST CONGRATULATIONS TO THE ONTARIO GOVERNMENT FOR THE ACADEMY AWARD WON BY YOUR BRILLIANT ''A PLACE TO STAND''.

WE ARE PROUD TO BE ASSOCIATED WITH THE FILM STOP SINCERELY ABE SCHNEIDER, CHAIRMAN LEO JAFFE, PRESIDENT



OPENS MAY, 1971

MTARIO



Honorable Stanley J. Randall Ster. Department of Trade and Development Vemb r 8 1963 — February 28, 1971

1970

Thirty years to the year 2000

To indicate the end of a story, a newspaper reporter uses the symbol "30." But with 30 years to the year 2000, Ontario in 1970 represented a beginning — the beginning of 360 months to the 21st century.

The dawn of the 21st century intrigues us all. It holds hopes for happiness and fears of the unknown. Our fears should prove groundless. For though some people wait for the future to make them, we in Ontario believe in making our own future.

We believe that vision is necessary for progress; we also believe that visible examples illuminate our way. This edition of the Ontario Industrial Review summarizes some of the ways the province's industry and government cooperated in 1970 to help reach our economic and social potential before the 21st century.

According to a provincial government forecast, Ontario's Gross Provincial Product, based on 1961 prices, could reach as much as \$90 billion by the year 1991, compared to \$26 billion in constant (1961) dollars for 1970.

That's a potential growth of \$64 billion. To reach that potential, industry and government must carefully chart and navigate their courses.

To reach our potential, we must continue to expand our labor force, our productivity, and our

investment. We must make economic growth one our big concerns.

At the same time, we must create and mainta an atmosphere that will encourage orderly and be anced growth throughout the province. We mincreasingly redirect a greater proportion of wealth to alleviating social and environmental prolems.

By applying advancing technology and know-howe can raise the sights and the quality of our socie

By using humane programs — programs to assert the dignity and worth of each citizen and capacity for self-realization — we can direct great efforts to human rights, to leisure, to recreation, a to culture.

By bettering our industrial, social, and environmental conditions, we can build a richer, strong and better Ontario — an Ontario in which the individican enjoy a rewarding life and make a purpose contribution

To indicate the new beginning of our provinc continuing success story, an Ontarian in 1970 co indeed use the symbol "30" in a futuristic and o mistic way — as in, 30 years to the year 2000.

Dan Jumano



@ ECONOM

Like so many economies in 1970, that of Ontario showed little growth. Continued efforts to control inflation meant restricted money supply and reduced consumer demand, leading to reduced output, lower employment and postponement of capital expenditure.

In the first quarter the export trade was the only strong sector. This strength was in part the result of strikes in the Canadian mining industry in 1969. When the strike was settled, exports increased rapidly with the rebuilding of inventories by metal consumers abroad.

In the rest of the economy, demand was weak at every level. This condition remained until towards the end of the year, when the rate of inflation began to abate and attention was turned to the nine-year high in unemployment rates. On a seasonally adjusted basis, the Ontario rate climbed from 3.2 per cent of the labor force in January to 5.1 per cent in December.

The main area of renewed activity in the later months was in housing. The number of starts had fallen steadily since early 1969, allowing for seasonal factors, and it was not until mid-year that the figures started to show an increase. Some reduction in interest rates in

general and mortgage rates in particular then encour aged both supply and demand.

This area of activity was, to some extent, offset by a long strike in the automobile industry in the last quarter But as monetary restraint eased, confidence increased and consumer expenditure began to show signs or revival. Government current and capital expenditure was also greater towards the end of the year, covering subsidized housing and anti-unemployment programs.

As a result of new contracts negotiated in 1969 and 1970, labor income showed a substantial rise — 9 per cent — in 1970. However, higher labor costs plus strike and reduced demand seriously undermined corporate profits for the year, and in terms of purchasing power meant considerably less scope for plough-back. Negarm income in the province also showed a drop, with little or no change in cash receipts.

For the year as a whole, gross provincial production on the production of the production of the year as a whole, gross provincial production of the year as a whole, gross provincial product of the year as a whole, gross provincial production of the year. This slightly more than half of the potential growth rate for the year.







the province, but it reflected the weak demand position in Ontario, the rest of Canada and foreign markets, particularly the United States. Growth in the rest of the country was 3 per cent, while the volume of goods and services produced in the U.S. actually dropped fractionally — the first annual decline there since 1958.

Industrial Production

Time lost in work stoppages again had a serious effect on production. This factor, plus slow consumer and capital expenditure, meant a downward trend in industrial output during 1970.

The mining industry was a strong element in total production during the year, particularly in metals, where the pre-strike levels of early 1969 were regained and substantially bettered.

In manufacturing, the non-durable sectors maintained a relatively steady level of output, with the exception of the textiles and clothing industries, which showed declines. The production of durable goods was, however, considerably lower, particularly motor vehicles, owing to the strike in the fourth quarter, and other consumer goods and building materials, owing to reduced personal spending. Electricity, gas and water utilities continued to show steady increases in output.

Capital Investment

As was the case in 1969, plans for new capital spending did not all materialize. The economy's growth was markedly restrained, and production in many industries was running well below full capacity. This underutilization, plus the incidence of strikes, low cash flow levels, the high cost of borrowing and slow consumer demand, meant that expansion or construction was not only unnecessary in many cases but also very difficult to accomplish.

At the beginning of 1970, it was expected that total private and public investment in Ontario would increase by 12½ per cent compared with 1969. The increase was actually 8.7 per cent, to \$6.9 billion.

The weakest sector was residential housing, worth \$1.3 billion, but 10 per cent lower than the exceptionally high level of the year before. In the first few months, new housing starts were running as much as 44 per cent lower than in the same period a year previously. However, the downward trend was sharply reversed in the summer months and by the end of the year cumulative starts were 5.9 per cent lower. Much of the boost in 1970 came from greater activity in the public housing sector, as well as additional funds from the federal government for the Central Mortgage and Housing Corporation. On top of this, the money supply was easing and there were reductions in mortgage rates during the year.

Capital spending on non-residential construction increased by some 15.8 per cent compared with 1969's 4.3 per cent. This compares with an expected 18 per cent growth rate at the beginning of the year.









Investment in machinery and equipment rose 13.2 per cent compared to 18.5 per cent in 1969. In the fourth quarter of the year, consumer spending, government expenditures and housing recorded strong increases. Business fixed capital formation, non-farm inventories, and imports were notably weaker.

Income

Total personal income in Ontario rose 8.0 per cent in 1970, to \$27.1 billion from \$25.1 billion the previous year. This compares with a 12.2 per cent gain in 1969. The reduction in the percentage is explained by the fact that although wages and salaries again showed substantial increases, other personal income — dividends, income from farming, and other private business, etc. — showed a decline from 1969 levels.

ONTARIO GROWTH AT A GLANCE

		\$ million		Percentage	Percentage Change*		
	1969	1970	1971	70/69	71/70		
		(estimated	I)				
Manufacturing Shipments	\$23,400	\$23,400	\$24,500		+4.8		
Non-Durables	10,500	10,600	11,000	+ 1.2	+3.6		
Durables	12,900	12,800	13,500	- 1.1	+5.8		
Mining Production	1,200	1,600	1,700	+33.4	+4.5		
Retail Sales	10,600	10,800	11,500	+ 2.4	+6.0		
Wages and Salaries	17,200	18,900	20,500	+ 9.0	+9.5		
Unemployment Rates:							
(annual averages)	(per	centage of lab	or force)				
Ontario	3.1	4.3	4.0				
Canada	4.7	5.9	5.7				

^{*} Calculated from unrounded figures.

LUIAVIT VIID LOBTIO III TOTILITI III OILII					
	1969	\$ million 1970	1971	Percentage 70/69	Change 71/70
		(estimated)			
Private	\$4,840	\$4,740	\$5,130	- 2	+ 8
Public	1,400	1,440	1,610	+ 3	+12
Total	\$6,240	\$6,180	\$6,740	- 1	+ 9
Machinery and equipment	\$2,460	\$2,540	\$2,750	+ 31/2	+ 8
Construction	0.050	0.050	0.510	0	+ 7
Non-residential	2,350	2,350	2,510		
Residential	1,430	1,290	1,480	-10	+15

Based on "Private and Public Investment in Canada" 61-206

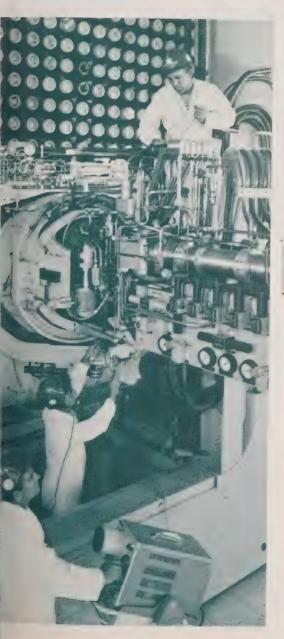
ONTARIO EXPORTS - 1969 AND 1970, AND TOTAL CANADIAN EXPORTS - (\$'000)

		1969		1970			
Category	Ontario Exports to all Countries	Canadian Exports to all Countries	Ontario as % of Total Canadian	Ontario Exports to all Countries	Canadian Exports to all Countries	Ontario as % of Total Canadian	
Live animals	\$ 26,817	\$ 54,639	49.1	\$ 36,052	\$ 68,604	52.6	
Food, feed, beverages & tobacco	360,092	1,431,237	25.2	393,950	1,832,149	21.5	
Crude materials, inedible	583,744	2,473,726	23.6	740,458	3,073,636	24.1	
Fabricated materials, inedible	1,382,818	5,240,488	26.4	1,666,604	5,945,887	28.0	
End products, inedible	4,443,966	5,692,455	78.1	4,756,723	5,931,511	80.2	
Special transactions — trade	17,446	38,740	45.0	14,001	34,629	40.4	
Total	\$6,814,883	\$14,931,285	45.6	\$7,607,788	\$16,886,416	45.1	
Source: D.B.S. Trade of Canada			Minne				



		1969				1970			(69-70)	
Category		Domestic	Re-exports	3	Total	Domestic	Re-exports	Total	% or Change	
Live animals Food, feed, beverages & tobacco Crude materials, inedible Fabricated materials, inedible End products, inedible Special transactions — trade Total	1 4	26,611.3 353,706.4 577,339.2 ,322,375.3 268,006.6 15,857.9	6,386.2 6,404.6 60,442.6 175,959.7 1,587.8		360,092.6 583,743.8 1,382,817.9 4,443,966.3 17,445.7	\$ 35,958.0 382,337.6 733,773.9 1,605,186.9 4,574,320.9 12,679.9	\$ 93.7 11,611.9 6,683.8 61,417.4 182,402.4 1,321.1	\$ 36,051 393,949 740,457 1,666,604 4,756,723 14,001	.7 +34.4 0.5 + 9.4 0.7 +26.8 0.3 +20.5 0.3 + 7.0 0.0 -19.8	
Total	20,	,563,896.7	\$250,986.2	\$1	6,814,882.9	\$7,344,257.2	\$263,530.3	\$7,607,787	.5 +11.6	

Source: D.B.S. Trade of Canada Ontario Exports by Commodities







TRADE & INDUSTRY

Activity in Seventy...



The year 1970 was one of considerable interest and activity for Ontario manufacturers to investigate export opportunities for their products in many established and brand new world markets.

Marketing consultations in Ontario with personnel of the **Marketing Branch** totalled 4,300. Some 2,400 were factory visits by our men, and 1,900 covered meetings of company representatives visiting our offices. On our 26 sales missions abroad, there were many enquiries from

companies seeking information on availability of products manufactured in the province for export.

Of the 198 Ontario companies participating in the sales missions program, 126 visited areas abroad for the first time. A broad range of Ontario-manufactured goods was represented. Sales realized in the 26 sales missions totalled approximately \$23 million.

The 23 "Marketing Opportunities" bulletins published by the Marketing Branch during the year contained a total of 2,166 items being sought abroad. They elicited 2,339 enquiries from Ontario manufacturers.

Five major International Trade Fairs were selected for Ontario company participation. The wide product range on display covered hotel equipment, packaging machinery, airport equipment, building products and materials, and electronic components and equipment. Considerable business success was realized at Curacao, Netherlands Antilles; London, England; Amsterdam, Holland; Johannesburg, South Africa; and Los Angeles, California.

At six other major exhibitions abroad, including Cleveland, Cologne, Ljubljana, London, and Stockholm,







xhibits of men's sportswear, industrial and engineering aterials, hospital equipment, piping, all types of hoteleping equipment, and machine tools were shown.

Major projects in which Ontario engineers are volved through our Engineering Services Abroad cover any world areas: Cyprus, Algeria, Nepal, Yugoslavia, icaragua, Peru, Mexico, Grenada, Australia, Pakistan, nd Malaysia. The area of projects varies in each inance from public works to major industrial processes.

As a result of Trade and Industry missions, 123 jents representing 116 Ontario companies were apbinted in 1970.

In 30 speaking engagements by Trade and Industry embers, 2,978 businessmen learned of the work cared out by the Trade and Industry Division with Ontario dustry.





Manufacturing expansion abroad by Ontario companies resulted in eight new branch plants - in the United Kingdom, the Netherlands, the United States, and Barbados - plus 10 licensing agreements being established.

Interest in Ontario forest products has become more active each year. In 1970 the Department of Lands and Forests provided sales and marketing representation in our Trade and Industry Division: R. John Hall, R.P.F., is Liaison Officer from the Department of Lands and Forests. Prospective buyers of timber and wood products now have direct contact with the timber authority.





NDUSTRIAL DEVELOPMENT BRANCH

The year 1970 has generally been regarded as one of economic adjustment. Federal government policies to counter inflationary pressures produced a distinct slowing in the economy. The first half of the year was marked by continued tight money conditions, lengthy strikes in the construction industry, record lows on the stock markets and lower corporate profits. In Ontario and chanada, these conditions were alleviated to some egree by record export sales.

While inquiries and general activity in Ontario's adustrial development programs continued at a high evel, company decisions to commit sizeable investments in new facilities were marked by caution and estraint. With the lowering of bank rates and the inrease in money supply during the last half of the year, or gether with a modest improvement in the GNP level exported by DBS, investment authorities have expressed

confident outlook for 1971.

Despite this sluggish period of economic adjustment, and the federal government's emphasis on assisting new industries to establish in other provinces, 51 new manufacturing plants opened in Ontario during 970. A total of 3,266,800 square feet was added to be province's manufacturing and industrial space and 672 new jobs were created, according to the annual urvey conducted by the Industrial Development ranch. Estimated expenditures for buildings and quipment amounted to \$69,700,000. As usual, the matrity of new manufacturing establishments gained during the year originated in Canada.

During 1970, seven Ontario companies entered into pint venture arrangements with foreign firms to form ew companies on a joint equity basis. The **Branch Plant ection** regularly offers such new product opportunities of Ontario manufacturers. In these cases, the foreign

partner normally contributes the new product specifications and technical know-how, and possibly special machinery and a share of the capital investment. The Ontario partner usually provides the plant facilities, skilled tradesmen and sales connections and a share of capital investment if required.

An additional 382 plants in Ontario expanded their facilities during 1970, at an estimated cost of \$259,780,948. Some 9,921 new jobs were created and 11,392,962 square feet of manufacturing space were added.

The annual growth of the Ontario economy is stimulated by the industrial consulting service provided by the Industrial Development Branch to Canadian and foreign clients. The numerous Branch programs are geared to further industrial growth, productivity and to provide employment opportunities. The businessman interested in opportunities in Ontario should take advantage of the comprehensive and confidential services offered by Ontario's trade representatives. These will assist him to assemble information, assess the many factors and reach a decision in a practical, time-saving manner.

The Manufacturing Arrangements Section of the Industrial Development Branch had one of its busiest and most productive years. With the slow-down in manufacturing, many companies launched an intensive product diversification drive coupled with a search for subcontract work in order to maintain sales and plant employment.

The continuing programs designed to assist established industry were accelerated, such as MANUFAC-TURING OPPORTUNITIES, a development and bulletin service designed to bring to the attention of industry new products, processes and inventions from around the world that are available for a sales and manufacturing licensing agreement for North America. During 1970 there were 892 opportunities listed in 11 monthly bulletins from which 5,052 enquiries were processed. Completed licensing agreements recorded for the year were in excess of 145 with the resulting impact of approximately \$30,667,000 sales necessitating 435 new jobs.

Our INDUSTRIAL CONTRACT PROCUREMENT PROGRAM completed its first year in operation. The program is designed to assist manufacturers in seeking subcontract work in order to utilize surplus production facilities. A total of 146 companies listed their surplus production facilities which generated 300 enquiries resulting in six contracts with value estimated at \$2,950,000. Out-of-province companies with contract work open for tender provided listings in the bulletin totalling 57, resulting in 688 enquiries with value of business placed with Ontario manufacturers estimated at \$4,120,000. This program will be expanded during 1971.

An extension to our service of seeking new products for licensing opportunities is our program of LICENSING MISSIONS ABROAD, under which product



prospecting missions are organized by the section to take industrialists to various International Trade Fairs throughout Europe, as well as to meet industrialists wishing to have their products sold and manufactured for the North American market. These missions, comprising industrialists and a mission leader, attended International Trade Fairs in Italy, Germany, and England, during which 363 new items were discovered and are now in the process of being analyzed for market potential and profitability. A recent survey shows that on the first five missions taken abroad, 46 industrialists found 534 items of interest of which 99 are still under consideration, eight of these products are now in production, 14 licensing agreements have been signed, 21 are pending, and in excess of \$5 million of new business has been generated. The government provides economy round trip fares and makes all arrangements for such missions, with the participant paying his own personal business expenses. At least three similar product prospecting missions are planned for the 1971 season.

The INVENTIONS DEVELOPMENT PROGRAM had an active year, wherein 175 items were reviewed and listed in the monthly bulletin which generated 506 enquiries from industry and produced one completed licensing agreement. This is a welcome service to inventors.

In order to carry out these programs, the Manufacturing Arrangements staff of six Industrial Development officers has conducted interviews with 811 industrial visitors and made 741 out-of-office calls, travelled 24.893 miles throughout the province, accounting for 415 man-days out-of-office on industrial development work.

To assist management in understanding and managing technological developments, the **Technology Section** expanded two major programs in 1970 — Industrial Technology Development Missions and Product Development Clinics.

TRADE & INDUSTRY



During the year, 136 executives of technologically oriented companies took part in 12 missions to various parts of the world including Great Britain, Italy, the United States and West Germany. At technical conferences, university seminars, and industrial exhibitions, as well as on selected plant tours, the latest developments in processing and product designs were studied.

Product Development Clinics were conducted at 13 locations in Ontario during 1970, with 683 representatives attending from 440 progressive companies. This program of panel discussions, group meetings and private consultations provided manufacturers with opportunities to discuss various aspects of product development and productivity improvement with specially selected consultants. In 1970, the clinics were held in North Bay, Timmins, Sault Ste. Marie, Thunder Bay and Kenora with a further 12 in Eastern and Southern Ontario.

In addition to the two formal programs, the officer of the section met with representatives of 347 companie to consult on specific manufacturing and technological problems.

The Technology Section continued its services t assist municipalities with their industrial developmer programs and problems. In July, a 135-page Municipa Industrial Development Guide was published with som 1,300 copies being distributed during the balance of th year. In October, an Industrial Development Semina was held with elected municipal officials and industrial commissioners representing a substantial majority of the 220 registrants.

To provide specific industrial development information and guidance, the staff of the section made 44 visito municipalities and Regional Development Council while 52 consultations were held in the offices of the section with visiting municipal officials. In addition the members of the staff made 29 special economic appraisals of municipalities to assist the research are planning activities of other government departments are agencies.

To assist municipalities to find occupants for ava able industrial buildings, an active listing service we maintained. At the year end, details on 401 building were on file for the consideration of industrial investor

Information used extensively for economic develoment and plant location studies is compiled in Municip Industrial Survey reports. During 1970, reports were propared on 396 Ontario municipalities with 243 complesets of surveys being distributed and 10,103 single reports supplied on specific requests.

Because of the particular features and needs of to northern part of the province, a first office was established in Thunder Bay during 1970 to serve the interest of Northwestern Ontario. This office will help munipalities prepare the necessary facilities and support the expansion and establishment of industrial operation and directly assist the establishment of industry when it is most needed to provide job opportunities for moderation of the provide of the provide in the province in the provi



NTERNATIONAL BRANCH

Ontario's expanded representation abroad was ally operative during 1970 through Trade and Industry ffices located in 14 key centres around the world.

From these locations, Trade and Industry counselors — men experienced in business and industry — raveled extensively throughout their territory visiting nanufacturers and industrialists, agents, distributors not retailers in an effort to bring new industry, techology and investment to the province and to promote xport sales. Our counsellors endeavor to encourage preign businessmen to establish new manufacturing plants in Ontario or to enter into joint ventures or licensing arrangements with Ontario manufacturers. In 1970, more than 250 foreign industrialists were persuaded to isit Ontario to see for themselves the opportunities vailable.

The counsellors promote exports by providing mareting information and assistance to Ontario manufacurers and by putting members of Ontario trade missions nd individual Ontario businessmen in contact with reable agents and distributors. Also, through their efforts, 67 foreign buyers visited Ontario to view Ontario prodess on display at demositivation and individual in the control of the control

cts on display at domestic trade and industrial shows. Again in 1970, Business Opportunity Missions, comrised of teams of counsellors who visit specific areas abroad, were conducted to familiarize industrialists and businessmen with Ontario. Over 1,500 foreign businessmen were interviewed during these programs alone. Another effective promotional activity held last year was a one-day seminar in Frankfurt, Germany, for over 200 local leaders of industry and finance.

The U.S. is covered by full-scale Ontario trade counselling offices with counsellors assisted by local experienced specialists in New York, Chicago and Los Angeles; and by counsellors operating one-man offices in Atlanta, Boston, Cleveland and Minneapolis/St. Paul. The latter office was opened in April, 1970, to promote a greater industrial and trade interchange between the North Central U.S. and Northern Ontario.

Britain and Eire are covered from the trade office in London. Our counsellors in Europe operate from Frankfurt (a change in location from Dusseldorf) covering Switzerland and Germany; Milan, covering Italy, Greece, Spain and Portugal; Stockholm, covering Sweden, Denmark, Finland and Norway; Brussels, covering Belgium, France, Luxembourg and Holland; and Vienna, covering Austria and Eastern Europe. Last year, Ontario's facilities in Tokyo were upgraded by a move to the new World Trade Center. During Expo '70 held in Osaka, an Ontario trade official was stationed at the Ontario pavilion to handle trade and industrial enquiries generated at the Fair.

ONTARIO DEVELOPMENT CORPORATION

Programs for Prosperity

The Ontario Development Corporation, a provincial Crown corporation, offers a comprehensive program of financial services to qualified companies wishing to locate new manufacturing plants or expand existing operations in Ontario.

The program encompasses: interest-free performance loans; term loans of up to 20 years at reasonable rates of interest; lease-back and rental arrangements.

The Corporation may act as a catalyst in putting together financial packages for suitable companies, and will provide expert advice on obtaining financing from regular lenders, private, government, and other sources.

Performance Loan Program

Companies eligible for the performance loan program include secondary manufacturing companies establishing new facilities in Provincial Equilization Areas or making approved additions to existing facilities.

Also eligible for the performance loan program are tourist attractions such as ski areas, convention centres. etc. which will help to extend the tourist season for resort operators. The loans are available in areas where tourism is of prime importance to the economy.

Loans are available to qualifying companies, interest-free, for a period of six years. One-tenth of the loan will be forgiven at the end of the first year, a further one-tenth of the loan will be forgiven at the end of the second year, and so on until the end of the fifth year. At the end of the sixth year the balance of the loan is forgiven, provided the company stays in the locality and

has performed satisfactorily.

AGRICULTURAL SERVICES



Americans love to sample Ontario cheddar cheese as seen at this Ontario Food Council Mission to the Detroit. Michigan area.

For details of municipalities in which the forgivable Ioan program applies, contact the Corporation.

Term Financing Program

The Corporation provides term financing through mortgages, debentures, etc., in many of Ontario's smaller centres.

The loans may run up to a maximum period of 20 years and are available for: construction of new manufacturing buildings or the extension of existing buildings; purchase of new manufacturing equipment that will substantially add to employment.

Interest rates are reviewed several times a year but generally approximate those of the Metropolitar

Toronto market.

To qualify for assistance, applicants must, in the opinion of the Corporation, have been unable to obtain their financial requirements from conventional lending institutions on reasonable terms and conditions, and they must be engaged in endeavors that will substantially contribute to the economic development o Ontario.

Lease-Back Program

In certain slow growth areas of the province the Corporation assists companies to acquire manufactur ing building space through lease-back or rental agree ments. The program does not apply to highly special ized, single-purpose buildings.

Other Services

The Corporation will attempt to find additiona financing for companies from regular lenders, privat investors, and other government sources. It will als assist companies, when requested, to put together total package of their financial requirements provide the company meets ODC's requirements.

In addition to ODC's financial services, Corpora tion consultants provide management advice and guic ance on financial and technical matters to the smalle enterprises not in a financial position to obtain the

type of service elsewhere.

Another example of efficient and effective co operation between two sister departments is that Trade and Development and Agriculture and Food. Cloliaison is maintained through the Ontario Food Counc the "marketing arm" of the Agriculture and Foc Department — with its office physically located at the Department of Trade and Development.

Export sales of Ontario-produced food and agricu tural products have gained at a steadily increasing ra to the current volume of \$430 million annually. Sales the United States are up a healthy 17.2 per cent fro \$201 million to \$235 million. Exports to Caribbean cou tries are up 32.2 per cent from \$11 million, to more than \$15 million. Due to devaluation, sales to the Unite Kingdom are down from \$104 million to \$95 million Exports to Europe are also down - due to E.E.C inf ences — from \$15 million to \$13 million annually.

Total exports of Ontario-produced food and agric tural products are up over 10 per cent for the past ye climbing from \$386 million to the new high of \$4

million.

Fifty Ontario food processors have taken part in successful Ontario Food Council Missions to the Unit States during the past year. As well, buyers from countries have been assisted by the Ontario Food Cocil, to secure new sources of food and agricultur products from our province.



ESEARCH

The Research Branch is primarily an analytical and anning arm of the Trade and Industry Division. It is so responsible for the preparation of statistical pubations and manufacturers' directories designed to sist trade and industrial development in the province.

In 1970 a total of 475 market reports were undercen for manufacturers who were interested in estabhing either a new or expanded operation in Ontario.

As a further step in the division's policy of providing one up-to-date information to Ontario businessmen, ita Development Forms were circulated among apoximately 3,000 Ontario manufacturers to obtain inforation not otherwise received through D.B.S. or the itario Statistical Centre. As a result of this work, two rectories were prepared for publication. These were a reign Ownership Directory, including Canadian subliaries of U.S. and U.K. companies in Ontario, and an itario Products for Export Directory.

At the same time two other regular publications re prepared — Statistics for Profit and Ontario ports by Commodity and Country of Destination.

These publications aim at pointing to new sales opportunities for Ontario companies abroad and indicating local fabrication opportunities for Canadian industry.

To assist Ontario operations in developing new export sales, 23 detailed market surveys of foreign countries were prepared, and to further stimulate interest in specific market areas overseas, 12 shorter feasibility studies on foreign markets, and Ontario's capability of supplying them, were undertaken. This means that 68 major trading nations around the world have been surveyed by the Branch.

During the year, several issues also required detailed study and constant review. The Research Branch consequently undertook in depth studies on Free Zone Ports, Containerization, a Motor Vehicle Parts Market in Selected Latin American Countries, and the Pulp and Paper Industry in Canada and Ontario. A continuous review and analysis was also made of the U.S. trade Expansion Act of 1970 (Mills Bill), and of the Textile and Automotive Industries in Ontario.

ONTARIO BUILDS BIG FOR EXPORT

The export market potential for Ontario machinery builders continues to boom. B & K Machinery International Limited, Mississauga, Ontario, has recently completed manufacture of a highly sophisticated \$500,000 tension levelling system for export to Kaiser Aluminum

and Chemical Corporation of California.

The giant new B & K tension levelling equipment consists of mechanically coupled bridle rolls, a special six-high precision levelling arrangement, and special elongation control via a mechanical speed differential drive, which is integrated with the bridle gear train. It builds to 50,000 pounds of tension and this allows a continuous degree of stretching of the strip to obtain a perfect panel flat sheet.

The delivery schedule for this completed system was 10 months, or approximately 4,000 man-days of labor in engineering design and actual manufacture. Features such as automatic roll changing in complete cartridges add to the technical excellence which

helped secure this order for B & K Machinery.

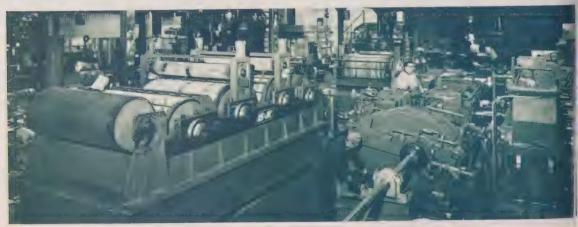
Enquiries and orders from all over the world come in as a result of B & K Machinery's participation in international metals processing exhibitions and sales missions, under the sponsorship of this department. One such exhibition was the Iron and Steel Exposition held last September in Cleveland, Ohio. Enquiries from Mexico and Japan may lead to orders for B & K. The other Ontario manufacturers at the Exposition were Fluid Power Limited, Rexdale; Leigh Instruments Limited, Ottawa; and Provincial Engineering Limited, Niagara Falls.

B & K Machinery International Limited exports 75 per cent of the firm's production. Recent orders have been completed for India and Japan. The company recently relocated its main operations to a 65,000-square-foot plant, a 30 per cent increase in plant space, and the company's fifth expansion move in its

14-year history.



Another example of the firm's favorable positic in the competitive world market for heavy machiner resulted from participation in a Department of Trad and Development sales mission to Australia. B & obtained a \$750,000 order for a complicated high spee slitting line for John Lysaght (Australia) Ltd. steel mil



SPOTLIGHT ON EXPORTS





ob Holender, president of Galaxi Lighting Limited, ownsview, demonstrates modern Ontario-produced ghting.

In just two years, Galaxi Lighting Limited of Downsiew, Ontario, has established a coast-to-coast Canaian market for its modern and unique acrylic lighting xtures, and is expanding into the U.S. market.

As a result of participation in furniture and furnishings exhibits sponsored by the department, plus an

Eedee award nomination in the 1970 Design Awards competition, Galaxi Lighting won buyers and improved distributor representation in the New York City area. Bob Holender, president of the young and active company, is now looking to new and expanding U.S. markets.

The extensive and colorful Galaxi line includes table lamps, hanging and wall lamps, popular "mushroom" lamps, extruded plastic tables, custom-made tables, modern glass lamps and chandeliers. Four salesmen represent the company across Canada, from British Columbia to Nova Scotia. All Galaxi products are original designs, developed by Mr. Holender and by designers Vello Hubel and Al Fox. The fixtures are produced in the Downsview plant from Canadian-made acrylics and conform to CSA standards.

The company credits its rapid growth and market acceptance to active participation in trade exhibitions such as the Furniture and Furnishings Show and the National Interior Design Show in Toronto, plus the Eedee award exhibits at leading Ontario department stores. Galaxi has also exhibited in Houston, Texas and Boston, Massachusetts during 1970.

The modern-as-tomorrow lighting units are popular with consumers and are specified increasingly through architects and designers for hotels, motels, offices, and other public decor.

Focus is on the promising export market. Galaxi Lighting Limited hopes to build its export business to 50 per cent of total business within another year.



"Canada is just coming into its own in the fashion world and much of this can be attributed to the Eedee awards sponsored by the Ontario Department of Trade and Development. This particular event has done much to encourage Ontario designers and manufacturers to develop truly Canadian fashions."

- Marion Phillips, Toronto Telegram

Eedee awards for fashion in 1970 were extended to include male and children's fashions. Ontario's top designers and manufacturers were honored by the Department's awards of excellence for quality and practicality of creative fashion.

Twenty-five awards ranged from ladies suit ensemble, daytime dress, coat, furs and accessories to men's casual outer wear, suits, and a child's red and black dress.

Best-of-show for the ladies was a blac lamb midi dress for evening wear. The men's best-of-show was the blaze look.

The Eedee fashion awards show at the Inn on the Park, Toronto, had 238 er tries from women's, men's and chi dren's apparel designers. In women apparel, 17 awards were made in 1 categories, and in men's apparel ther were 14 nominees for the 14 categorie with nine awards presented. The 3 fashion buyers in attendance from all over the U.S. placed close to \$300,000 in initial orders for new fashions shown at the Eede presentation, indicating greater purchase in seasonal buying programs.

Three special awards saluted student designs entere from St. Lawrence College, Kingston, and Sherida College, Oakville. U.S., U.K. and European fashic buyers continue to show increased interest in Ontario better fashions.

Canadian fashion exports in 1970 surpassed th \$80 million mark, and Canadian clothing manufacture have set a target of \$165 million in exports to the U. by 1975.









"Without doubt the Eedee awards program has become the most important event in the Canadian product and furniture design industry, and as part of the Ontario Department of Trade and Development's program, it has focussed world attention on Canadian design know-how today."

— The Canadian Architect

FURNITURE AND FURNISHING AWARDS

Color and Co-ordination

Ontario furniture designers and manufacturers eniven the scene with color and sparkle. Brilliant acrylic paints seen on living room, dining, and bedroom groups; a rainbow of molded plastic units; plexiglass lamps; acculptured seating; grouped and interlocking pieces serve to brighten home and office living.

The 1970 Eedee Furniture Design Awards saluted originality in the production and design of both domestic and contract furniture. Ten Eedee award winners were on display at the annual National Interior Design Show. They included modular storage units in extruded plastic, a Grand Eedee award winner in contract furniure. Bedroom and dining suites in lively solid colors with smoothly rounded edges won another Grand Eedee in the home furniture category.

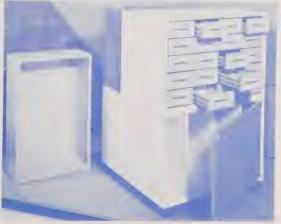
Home stereo units, chairs in chromed tubular steel nd molded fibre glass also won awards.

These 1970 awards were made in conjunction rith the Association of Canadian Industrial Designers Ontario).

Furniture buyers from all corners of the U.S. gathred in Toronto in November to meet Ontario's furniture xporters and to view the award-winning displays.









ONTARIO PLACE

shows who we are and where

we are going...



It was fitting that, as 1970 ended and 1971 began, Prime Minister John Robarts should deliver his New Year's television summation of the past and hopes for the future from Ontario Place — the new landmark which now symbolizes Ontario's proud past and challenging future.

Much has happened to the futuristic face of Ontario Place in the last year.

Landfill operations were completed, and two new man-made islands of 46 acres appeared in Lake Ontario, south of Toronto's Canadian National Exhibition grounds. Also, construction was finished on the exteriors of the five-module Ontario pavilion and the unique dome-shaped Cinesphere theatre.

Ontario Place, the responsibility of the department's Special Projects and Planning Division, offers a colorful panorama of the province's history, its culture and future, through films, mixed-media presentations and educational exhibits.

On the east island is a huge outdoor amphitheatre, The Forum, which has a total capacity of 8,000, where visitors will daily watch live entertainment, including concerts by the Toronto Symphony Orchestra, military bands, folk artists and pop and rock groups.

Fine restaurants, snack facilities and boutiques complete the highlights of this east island.

On the west island is the 800-seat Cinesphere, one of the world's most advanced theatres. Its giant screen is 60 x 80 feet — six storeys high. During 1970, four new major films were made for showing at Cinesphere. Their subjects included northwestern Ontario, central-north Ontario, eastern Ontario and Ontario's waterways, and they were filmed at these locations. More restaurant and entertainment facilities are nearby.

Between the two islands, suspended over Lake Ontario from 105-foot-high steel columns is the Ontario Place Pavilion. By the end of 1970, exhibits were being constructed and equipment installed in four of the five modules, or "pods". These four parts of the pavilion feature a colorful mixed-media exhibit telling the story of Ontario from creation to modern-day. The fifth pod will house a modern restaurant.

A 302-boat marina is one of the largest and most modern marinas on the Great Lakes, with a gourmet seafood restaurant and a Sailors' Pub alongside.

Construction on the 96-acre Ontario Place complex began on March 17, 1969. It was opened by Prime Minister William Davis on May 22, 1971, and continues through October 11, which is Thanksgiving Day.

Special Projects were also involved in the organizing and development of the Great Lakes Environmental Conference, held in Toronto in September, 1970.

ASSIGNMENT ACCOMPLISHED

To millions of people in Japan, Ontario is no longer strange and unknown. During six crowded months of 1970 at the Japan World Exposition in Osaka, about six million visited the Ontario Pavilion.

The assignment of the \$2.6 million Ontario participation at Osaka was to put the province on the map in Japan, Canada's third - going - on - second trading partner. What the visitors experienced at the pavilion included Christopher Chapman's new 70mm multiple-image film about Ontarians and their festivals, and several new-to-Japan exhibits which could be sat upon and ridden such as a canoe in a tank of water, a tent camper and a specially bedecked Ontario Provincial Police Harley Davidson motorcycle.

Perhaps the most memorable "exhibit" at the pavilion was the staff from Ontario, 50 in all, including 27 hosts and hostesses and 16 Ontario Provincial Police officers who had earlier studied the Japanese language and culture intensively in Toronto. The Ontario group were among the best-trained foreign staffs and they

won new friends every day.

On July 16, Ontario had its special day. Prime Minister and Mrs. Robarts were the official guests, and the program included the 13-man rock orchestra, Lighthouse, which came directly from Toronto to play five successful concerts at Expo's Festival Plaza and Floating Stage. Another feature was folk dancing by 13.000 schoolchildren from seven schools in western Japan. The Japanese children danced with the Ontario hosts and hostesses after rehearsing in individual groups for almost a month. Ambassador Yamazu, the official Expo representative, told the press — "Ontario





Day was an outstanding event at our Expo. When those thousands of young children danced with those your Canadians at Festival Plaza, I felt that the true spir of Expo had come to life." The official estimate of the crowd watching the special day program was betwee 10,000 to 12,000 which matched the record set earlie on Canada Day.

The Ontario Day performances were preserved a half-hour color film, "Ontario Day — Expo 70," being released by Columbia Pictures to theatres across the country during 1971. A 16mm version is also available for sale from the Special Projects and Planning Division.

The Christopher Chapman film shown in o pavilion at Osaka, is to be included among the featured at Ontario Place's Cinesphere theatre af

the May 22, 1971 opening.

The Ontario participation at Osaka was an integrate of a four-pavilion participation from Canada—tothers being the federal government, Quebec a British Columbian entries.



NEW WATERFRONT COMMUNITY

In May, 1970, a presentation was made to Toronto's ayor William Dennison and his city council of a reath-taking new waterfront concept — the 1,120-acre arbour City community.

Harbour City would be a park and island comunity reaching 1½ miles out into Lake Ontario from e western Toronto Islands, utilizing the present site the Island Airport

The new waterfront community is planned as a rely downtown urban residential and commercial area ked directly to Toronto by public transportation as all as by road. It will be a city of islands, waterways do canals in much the same way that Amsterdam and snice are water cities. Canals for boating, skating and enic enjoyment will surround a typical island, and ajor canals and waterways will provide lagoons and gatta courses.

The plan includes residence for 60,000 persons, and full facilities. A resort-like the complex with convention facilities is also in the plans, to occupy an island near Ontario Place.

Models and displays of Harbour City have been publicly shown. They emphasized that the concept would provide urban housing in an important new waterfront parkland setting. Harbour City would, in addition to the new Ontario Place, contribute to the beauty and development of Toronto's shoreline and waterfront recreational facilities.

It was planned to have construction proceed in stages over a period of 10 to 15 years. From the initial construction would come the funds for subsequent development. At year's end, plans for this new waterfront community were under consideration by the City of Toronto council.



SHERIDANI PARK

HERIDAN PARK RESEARCH COMMUNITY

Sheridan Park Research Community, 17 miles west of Toronto, comprises 350-acres of planned campusike parkland. It represents more than \$41,000,000 nivestment in modern research laboratories and facililies. Some 1,600 scientists, engineers and supporting personnel are employed by the nine resident companies and corporations at the community.

Modern research buildings at Sheridan Park are set amidst lawns, flower beds, trees and shrubs. Specially designed street lighting and illuminated pools and fountains lend color after dark.

During 1970, several organizations and societies sed Sheridan Park as a base for conferences and eminars. The nearby Sheridan College of Applied Arts and Technology employed Sheridan Park facilities for one-day management development seminar and the pectroscopy Society of Canada held a meeting at the Park. Dr. Hans Selye, professor and director of the stitute of Experimental Medicine and Surgery, Univerity of Montreal, lectured to scientists of Sheridan Park in stress and acute heart accidents.

All research at Sheridan Park has one basic objective: to keep participating companies competitive in world markets. This includes developing new or imroved products or cost-saving processes, increasing roduction, and greater utilization of Canada's natural esources. Progress on a new multi-company computer entre to be established in 1971 was a major activity the close of 1970.

Cross fertilization of knowledge and resources etween the various research centres is a basic tenet the concept and planning of Sheridan Park. The xchange of ideas and the use of certain facilities is cranged on both a formal and an informal basis.

Sheridan Park's strategic location also enables asy access by staff to the specialized knowledge vailable at other laboratories, institutes or universities

in the area. Seven universities, for instance, are within a two-hour drive.

Development of Sheridan Park Research Community began in 1963. More than 70 per cent of the park is developed and the new Canada Systems Groups (ELST) computer centre will add another 130,000 square feet of floor space to the community's facilities. The Ontario Development Corporation is responsible for the development of remaining vacant land in Sheridan Park.

The Sheridan Park Association, comprising the companies established in the community, is responsible for maintaining standards of physical development of the community and facilitating scientific, technical and administrative liaison among members. The Association administers Sheridan Park Square, the \$500,000 conference-commercial complex. This complex also offers retail, banking, restaurant, computer and medical services.

Extending the community's industrial, scientific and educational contacts, Sheridan Park Association is in liaison with 100 industrial firms, universities and educational institutions who wish to be advised of events in the park.

Nucleus of the community is the Ontario Research Foundation, the largest independent, non-profit research organization of its type in Canada. It assists large and small industries and government agencies by applying scientific know-how to solving technical problems on a contract basis. ORF maintains a wide variety of scientific and testing equipment for undertaking research contracts, and provides a technical information service on behalf of the National Research Council.

Under the sponsorship of the Ontario Department of Trade and Development, the Foundation provides in-plant field engineering services to Ontario companies. It also provides technical advice and evaluations of ideas for the Ontario Development Corporation.



SHERIDAN PARK

RESEARCH COMMUNITY



ATOMIC ENERGY OF CANADA LIMITED

Canada requires ever-increasing amounts of electricity. A major contributor in meeting these needs, AECL's Power Projects at Sheridan Park designs, develops and manages nuclear power stations.

The value of undertakings with which Power Projects is presently identified is approximately \$2,000,000,000 and a staff of about 800 is engaged at Sheridan Park in design and development for these projects.

Douglas Point Nuclear Power Station, located between Kincardine and Port Elgin, has a capacity of 200,000 kilowatts. Designed and built by Atomic Energy of Canada Limited, operated by Ontario Hydro, it has been producing power since 1967. The project is man-

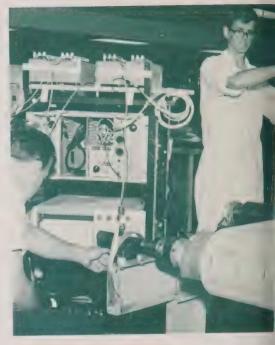
aged by Power Projects.

The year 1971 will be an important milestone in the history of Power Projects. The first of four units at the 2,000,000-kilowatts Pickering Generating Station, near Toronto, will start producing power. The nuclear portion of this station was designed by Power Projects. Gentilly Nuclear Power Station, Quebec's first nuclear power plant, was designed and built by Power Projects with the co-operation of Hydro-Quebec. It will reach full power this year.

Helping other countries to enter the atomic age, AECL's Power Projects designed the nuclear portion of India's Rajasthan Nuclear Power Station. The first of two units of the 400,000-kilowatt station is scheduled for initial start-up this year.

Power Projects is designing the nuclear portion of the 3,000,000-kilowatt Bruce Generating Station, now being built by Ontario Hydro. It is also building an 800ton-a-year heavy water plant. Both projects are adjacent to the Douglas Point Nuclear Power Station.

AECL's Power Projects is also responsible for the management of the Nelson River transmission line under construction in Manitoba. Some 560 miles long, it will be one of the world's longest and highest voltage transmission lines.



ABITIBI PAPER COMPANY LIMITED

The scientific, technical and engineering staffs the Abitibi Research Centre, Sheridan Park, serve t needs of the company's paper and building produoperations in Canada and the United States. The phical facilities, which range from sophisticated analytic instrumentation through pilot plants to commercial pring presses, are housed in a building of 60,000 squafeet, where a staff of 90 persons is employed.

About half of the technical program is concerr with developing new products and processes, and remainder is devoted to improvement of current products and processes plus specialized technical assance. The main areas for projects are pulping a bleaching, papermaking and converting, building products, and mechanical engineering. These are bolstewhere necessary by basic studies in organic chemis physics, instrumentation and mathematics.

Projects in the field of pollution abatement of prevention have grown at a rapid rate in the past years. Other projects include extensive investigations jack pine usage, new methods of bleaching, chem recovery and recycling, development of new build products, and a considerable volume of work on rigrades of fine papers. The staff organization all rational development of new products or processes initial concept through all development stages to frommercial exploitation.





DUNLOP RESEARCH CENTRE

A 36-member staff in Dunlop's North American Research Centre prepares and evaluates new materials ranging from elastomers and plastics to reinforced composite materials. Their research program is closely co-ordinated with that of the parent research centre in the U.K., and Dunlop's other research centres in Germany, Japan, Ireland and Malaysia.

The Chemical Research Section is involved in the preparation of materials by means of polymerization and organic synthesis, as well as the identification and property analysis of these materials. The Physical Research Section studies certain physical phenomena related to polymers, in particular, studying the mechanism of polymer to polymer adhesion.

Since Dunlop's invention of EPDM rubber, currently in large-scale commercial production, patents have been received for polyalkylene sulphide polymers (Thiamers) and in addition, certain special lattices have been developed.

COMINCO LTD.

Cominco's Product Research Centre is the largest facility of its kind exclusively devoted to research on end uses for lead and zinc, the company's chief metal products. As well as studying their properties, a research program develops ways of using lead and zinc more efficiently and extending their use in new products. Through a planned system of technical research, market analysis, and product development, the Product Research Centre ensures an effective appraisal of a new product's ability to achieve commercialization.

The Centre's facilities include corrosion and chemical analysis labs, metallographic facilities, design offices, mechanical testing equipment, a sound test chamber, an x-ray diffraction unit, a creep station room, a metal finishing laboratory and a technical library. The laboratory's computer centre is programmed to assist a variety of research projects and maintains efficient project records.

A 6,000-square foot metal workshop for pilot plant research and fabrication is connected to the main two-storey building. Facilities include extrusion presses, a die-casting machine, a galvanizing line, metal melting and alloying equipment, a semi-continuous zinc billet caster, billet cropping and cutting equipment and a machine shop.

Several significant new products have been developed at Cominco's Product Research Centre since its inception in 1964. Many have been carried to the pilot-plant stage. The Sheald continuous-cast thin lead sheet and zinc forging processes are commercial examples of the Product Research activity. A new zinc gravity-casting alloy and a new decorative metal product, Decraloy, are in the process of being commercialized. Other work of important commercial significance which is presently underway includes projects on machinability, lead-acid batteries, superplastic zinc, and zinc extrusion.



CANADA LIMITED

Gulf's Sheridan Park laboratory conducts the company's research and development programs in the fields of new petroleum, petrochemical and specialty products, as well as additional end uses of existing products and the development and improvement of processes.

All Gulf departments, including refining, marketing, petrochemical and crude and product supply, utilize the scientific and technical capabilities of the Sheridan Park laboratory in improving productivity through process optimization and cost reduction programs.

Facilities comprise laboratories devoted to analytical and chemical research, and petroleum and specialty product development, an engine fuel and lubricants research laboratory and a pilot plant building.

Gulf Canada was the first to establish in Sheridan Park and each year has added personnel and equipment to ensure that the company's products meet the requirement of the Canadian market.





MALLORY BATTERY COMPANY OF CANADA LIMITE

The Mallory Research Laboratory, the smallest Sheridan Park Community, has been working for the past few years on improving cells to enable batteries operate at low temperatures, and to operate at his rates. Both these characteristics are most important commercial and military applications in Canada.

Basic and applied research concerns studies electrochemical kinetics of porous electrodes, pro esses for obtaining porous structures by powder metalurgical methods, membrane phenomena, electrocatlysts, corrosion, and other related topics relevant performance of an electrochemical power source.

With the provision over the past two years of additional space and modern equipment, the new development group is now able to process the company inventions through to the pilot plant production stage preparing complete production specifications for no and improved products.

Mallory's Research and Development Laborato has made significant contributions to the power sour field since its inception seven years ago. Members the research group have been awarded many pater and have some 15 more awaiting issue. Significant many of their inventions have resulted in production and sales that have contributed to the economy of country.

INTERNATIONAL NICKEL CO. OF CANADA LTD.

INCO's J. Roy Gordon Research Laboratory name after a distinguished Canadian scientist and form president of the company, is devoted to seeking belond more efficient processes for extracting nickel and the metals from ore. It also has facilities for mine opical research.

In the area of extractive metallurgy, modern equal ment is provided for ore beneficiation electrochemic pyrometallurgical, hydro metallurgical, and vapo-metallurgical studies. The necessary analytical services provided by modern chemical, x-ray and emission spatrography techniques.

Process research and innovation are extend Canada's natural resources by enabling the companrecover nickel and 14 other elements from low-gr ores which were considered rock only a few years a

The staff comprises a total of 125 people of with more than 40 per cent have professional degrees.



NTARIO RESEARCH FOUNDATION

The Ontario Research Foundation is a "contract esearch institute". It conducts research and development for industry and for government departments on a contract basis.

Projects are initiated at the request of individual ompanies, or the Foundation may bring the research production, which show promise of producing ecomic or social benefits to the community, to the attender of individual companies or government agencies, the Foundation's staff numbers about 260, of which bout 80 per cent are technically qualified — scientists, agineers, technicians, etc. The 1970 annual budget as approximately \$4,000,000.

Projects undertaken range from testing and short-

ARNER-LAMBERT RESEARCH INSTITUTE

At the Warner-Lambert Research Institute specialed programs are carried on by highly skilled scientists and technicians to test new drugs for safety and for ficacy. The combined knowledge of scientists from e fields of physiology, pharmacology, biochemistry, thology and medicine are applied to studies on the fects of new drugs on specially maintained animals: ter where non-toxicity of a drug is confirmed, conolled clinical studies are conducted in medical centres establish both the usefulness of the drug and its ficacy against human disease.

Many of the studies require five to seven years and edone in collaboration with scientists in several anadian universities. Certain special research interts, such as drug toxicity on heart, liver and pituitary, we expanded into separate National Research Councilonsored projects employing pure scientists. Results these studies have provided new methods and tech-

ques for the study of toxicity.

Medical laboratories at the Institute are equipped the the latest electronic and automated devices for alysis, light and electron microscopes and library ormation services, a good deal of which has been mputerized.

The Institute Director has recently been named ad of Medical Research for the Western Hemisphere

term investigations (including feasibility studies) to long-range product or process development. As a multi-disciplinary organization, the Foundation's expertise covers many areas of scientific endeavor, including engineering, metallurgy, chemistry, textile science, physics, etc. All work undertaken for a client is conducted on a confidential basis.

In the past decade, more than 3,500 individual companies have commissioned projects at the Foundation,

ORF's main laboratory building at Sheridan Park comprises 180,000 sq. ft. An additional 20,000 sq. ft. pilot plant, housing ore dressing and chemical pilot plant equipment, came into full operation in 1970. A wide range of equipment is maintained at the Foundation for the undertaking of various types of research.



of Warner-Lambert's International Division, which includes all countries of North, Central and South America (except U.S.A.); all countries on the Pacific rim; Southeast Asia and Australia. The Institute will now be able to implement over a large portion of the Western Hemisphere its experience and methods in drug toxicity testing and the principles of research afforded by its successful programs.



ONTARIO HOUSE

Activity during 1970 at Ontario House, London the province's shop window in Britain - again reflected the importance of the U.K. market to Ontario manufacturers and exporters.

Opening orders of manufactured goods totalling \$11/2-million were won by Ontario companies and their British agents through an extensive trade promotion program, including exhibitions, sales missions, and business visits throughout the U.K. by staff of the Trade and Industry Branch.

Stimulation of trade on this scale helps to increase the "manufactured" content of Ontario exports to Britain and assists the province in maintaining and increasing sales to its largest single overseas customer.

Current total exports from Ontario to the U.K. market are running between \$375-450 million, or about five per cent of total Ontario exports to all countries.

The T & I Branch completed one of its busiest years on record - organizing participation by over 100 manufacturers in six trade exhibitions, covering goods from packaging machines and hardware to gifts, consumer products, and equipment for the pipeline industry. Exhibitions were held in London, and other large U.K. centres. A special buyers' showroom display held in Dublin, Eire, is thought to be the largest single grouping of Ontario manufacturers at an overseas trade show — 49 companies were represented.

Additional individual trade shows were held at Ontario House by 13 Ontario manufacturers selling goods from furniture and golf clubs to aircraft instru-

ments and couture clothing.

Window displays - an important aspect of publicizing products, and the province in Britain - ranged from the cities of Thunder Bay, Windsor and Sault Ste. Marie to industrial, commercial, consumer and food products. Travel, tourism, the arts and the Ontario Science Centre were also featured.

The double-fronted windows at Ontario House, favorably situated in the heart of London's West End, altogether featured 20 separate displays covering 38 Ontario companies, and products, places and institutions

Other T & I activities in 1970 involved organizing Business Opportunity Mission functions at Sheffield and Manchester — events designed to acquaint British businessmen with the opportunities for setting up in Ontario through joint ventures, manufacturing arrangements or licensing agreements; and assistance to members of Ontario sales missions and product prospecting missions visiting Britain to seek new markets and products.





argest successful buyers' showroom display of Ontario-manufactured goods is held in Dublin.

In addition to trade activities, Ontario House is the K. base for other Ontario government departments cluding Tourism and Information, Agriculture and lood, Immigration, and Information Services.

Through the Ontario House Food Centre, 47 cooky demonstrations were given to women's organitions, food editors and similar groups — using od products from the province — and designed to pularize Canadian agricultural produce among Britanconsumers.

The appointment in April of a special representative rethe Department of Tourism and Information in the K. and Europe, based at Ontario House, underlines importance of the growing tourist market in these eas for Ontario. Both promotional and organizational ork has been carried out in the U.K., and a full proam is planned for 1971.

Maintenance and development of contacts between Ontario, U.K. and European governments, private organizations and individuals is a continuing task of the Agent General's staff. Social and commemorative functions at Dundee, Edinburgh and Swammore, Hampshire, covered presentation of books marking the 175th anniversary of the birth of William Lyon Mackenzie, Canada at the Commonwealth Games, and the 100th anniversary of the birth of Stephen Leacock.

A comprehensive public relations program supporting each of the Ontario House activities mentioned was carried out by Information Services, which also included provision of general information on the province and the United Kingdom for visiting Ontario residents and British citizens.



WOMEN'S ADVISORY COMMITTEE

CONFERENCES VIEW BUDGETING, FASHION, YOUTH PROBLEMS

Continued high interest on the part of Ontario women made for 10 successful conferences in 1970 ranging from Kenora and Kapuskasing to Brockville, sponsored by the Women's Advisory Committee.

Much of the chairman's work has involved the development of conferences for women in the French language. A request from the Federation of French Canadian Women sparked exploration of actual programs. Enthusiasm of French Canadian women led to plans for three conferences conducted entirely in French.

Conference subjects will include new legislation for the protection of the consumer, handling household budgets, and support for Canadian products. Present plans include conferences for Sudbury, Ottawa, and Windsor

Speaker panels at conferences are from financial houses, the professions, and government departments such as Financial and Commercial Affairs, Labour, Agriculture and Food, and Trade and Development.

Members of the committee throughout the 10 Ontario regions actively reviewed programs in effect for young adults and teenagers. Resultant material has led to the belief that there should be greater co-ordination between government and the organizations sponsoring this work to ensure better use of money, time, and services.

The committee continues its promotion of Ontario fashions for women and children with a view to improving design and quality. A major objective is to create an acute awareness on the part of women as to the role they play in the province's economy. Discussions on the handling of money and continued support for Canadian goods are part of every conference.

Last year 10 conferences were held, with an attendance of 6,500 women. More than 37,000 have been involved since the inception of the program, averaging 6,000 women annually. In addition, the chairman has spoken at meetings of both men and women across the province during the past year.













WOMEN'S WORLD

The chairman has written a news column entitled "Women's World" which has found wide acceptance and prominent coverage in Ontario daily and weekly newspapers.

Subjects of discussion in the column include: Ontario's fashion industry, statistics on Ontario's average woman, the province's agricultural exports, credit buying and protection for the consumer, points to consider in buying a home, and the problems of drug

"Women's World" appears in 52 Ontario newspapers, from Aylmer to Pembroke, from Arnprior to Waterloo.



When economic expansion in Ontario slows down a bit, the problems encountered by new immigrants continue to be of the same kind, but become more obvious and severe. Foreign professional and trades qualifications, lack of experience in North American business, and working practices and language deficiencies become serious barriers to obtaining an initial foothold in

While other agencies, both government and private, were trying to alleviate this situation for those immigrants already in Canada, this branch was amending its

counselling of prospective immigrants to meet the 197 circumstances in the province. While receiving about the same number of requests, by mail, telephone and in person, for advice on emigrating to Ontario as previous years, much more of the advice given we necessarily negative in nature, when the enquire occupational skills were taken into account.

in 1970, 4,937 prospective immigrants were interviewed in person, by officers of the branch, while 9,7 more were counselled by correspondence. The proportion of these enquiries referred to us by Canadian Imm

gration officers throughout the world continued at a high level. This supports the expressed opinion of senior federal immigration officials that "filling in of the information gaps" by a provincial agency is today more essential than ever. The indication that prospective immigrants to Canada require more detailed information about our country and its diverse regions, should be welcomed and every effort should be made to meet it. The more complete and factual information the immigrant has before arrival, the more reasoned will be the decision made to come here, and the fewer the unexpected differences and difficulties encountered on arrival. With this in mind, the "information package" which the branch distributes to prospective immigrants, was up-dated and reprinted. A total of 24,416 kits in the

English language were distributed, 2,064 in Dutch, 3,678 in French, 1,152 in German, 1,062 in Greek, 2,583 in Italian and 2,563 in Portuguese.

Activity in the branch's subsidiary function of pre-arranging employment in the province for skilled immigrants was scaled down in proportion to the reduced demand. Nevertheless, 486 Ontario employers offered pre-arranged jobs to 874 mmigrants with particular skills and experience in farm work, engineering, machine tool operating and setting, instrument making, programming, etc. These employers spent \$65,093 in advertising for overseas personnel. In addition, 821 newly arrived immigrants were interviewed in the forento office and employment was found

Early in the year the branch, with the ull co-operation of the federal immigration authorities, engaged in a feasibility tudy for providing a provincial immigrant reception service at Toronto International Airport. An officer met all international arrivals over a period of the months and this experience probled the basis for a report which was submitted to the Deputy Minister. This was subsequently turned over to the Deartment of the Provincial Secretary and fitizenship which, it is now understood, fill soon inaugurate a complete immigrant exception service.

or 212 of them.

Later in the year, temporary exhanges of senior personnel with the puebec Department of Immigration were indertaken, under the formal Ontario/buebec agreement established for this purpose. Total immigration to Canada 1970 was 147,713. Total immigration to Ontario was 54.7 per cent of this total 80,732.





Thirteen research projects ranging from the development of Ontario as a contingent centre for international investment to the disposal of urban waste were initiated by the Ontario Economic Council in 1970.

Responsibilities of the 20-member socio-economic advisory group include advising and recommending to Cabinet methods to

- encourage the maximum development of the human and material resources of Ontario;
- support and advancement of all sectors of Ontario;
- foster conditions for the realization of higher standards of living for the people of Ontario.

Members of the Council are private citizens who give their time and knowledge without pay. From 1968 onwards they have been appointed for periods of one, two or three years. Much of the work of the Council is carried forward by ad hoc committees which report to a co-ordinating committee.

The staff of the Council consists of nine persons including four research consultants. From time to time specialized personnel are engaged under contract to undertake specific studies in areas where they have experting

In addition to regular monthly meetings the Council generally holds an annual joint meeting with the Economic Council of Canada. Representatives of government departments and agencies are generally invited to attend and participate in the general discussions.

ONTARIO ECONOMIC COUNCIL

Council activities in 1970 included:

Pilot Study on Land Use Planning. The Counterprovided financial support to the University of Toron School of Forestry to undertake a pilot study on lar use planning from an ecological as well as econom point of view. This study was the subject of a reporting a Better Environment," released in September, 1970.

Immigration. Immigration policy has been a matt of continuing concern and in 1965 the Council pulished a policy statement on immigration. Since the time the Council's human resource development committee has been reconstituted and reviewed the prolem of the integration of immigrants and migrants in the social and economic fabric of Canada. This was to subject of a report, "Immigration Integration," releas on July 23.

Forest Policy. At the request of the Minister Lands and Forests the Council prepared an analysis forest policy in Ontario. It was published in Februa

Inventory of Services. An inventory of service available to individuals, groups, companies and mu cipalities from the government of Ontario was und taken during 1969. Released on April 14, 1970, the rep was given prominence at the opening of the Onta Government Bookstore that day.

Second Great Lakes Users' Conference. Subquent to a users' conference held in November, 19 sponsored jointly with the Great Lakes Institute, U versity of Toronto and the OWRC, the Council part pated again with the Great Lakes Institute in May, 19 in a follow-up conference to investigate further t earlier identified problem areas, weather and navigat services and the practicability of extended or year

St. Lawrence Seaway Tolls. The subject of to and lockage fees on the St. Lawrence Seaway and Welland Canal has been a subject of concern to OEC since its inception. In light of a pending Cana U.S. review of tolls in 1971, the Council in April, 19 released publicly a paper taking a position again future toll increases.

W. H. Cranston retired as chairman of the Ontario Economic Council on March 31, 1971. Mr. Cranston had served as chairman since December, 1963

Ontario: A Contingent Centre for International Investment. A study to examine the potential advantages of Ontario as a deployment centre for international investment was initiated by the Council's tax committee. This was the subject of a report "Ontario: A Deployment Centre for International Investment" prepared for the committee by a private tax consultant, Mr. J. K. Savage, and given public release in September, 1970.

The Structure of our Tax System. In late 1969 the Council released a report setting out views on federal

axation policy.

Municipal Reform. A proposal outlining the posible future role of regional governments and their economic tax base was the subject of an OEC report made public on January 13, 1971.

Urban Waste Disposal. In early 1970, Drs. J. H. Brown and R. H. Clark of Queen's University were commissioned to undertake a study of the economic otential of recovering valuable products from urban

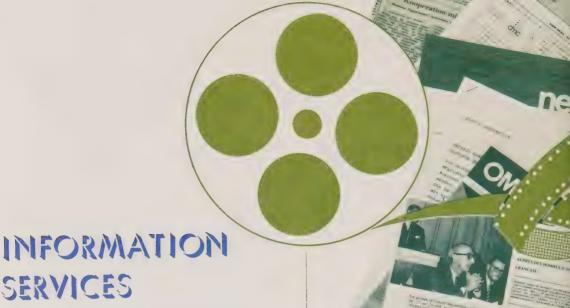
waste. This study was the basis of a report given public release in February, 1971.

Urban Development. A seminar on the problems of urban development in southern and southwestern Ontario was held in March under the auspices of the Urban Affairs Committee. Subsequently the background papers prepared for the seminar were released under the title "Trends, Issues and Possibilities."

Northern Development. The Council has had a continuing interest in resource development in northern Ontario. As a result of this interest the OEC, in late 1970, assisted in arranging for a 1,000-ton sample of Onakawana Lignite to be mined and shipped to Ontario Hydro's Thunder Bay thermal plant for trial burning.

Canada-Ontario Rideau-Trent-Severn Study. Longterm optimization of recreation potentials in this waterway has been the subject of a continuing study. A report on this study will be completed jointly, by federal and provincial agencies concerned in early summer, 1971.

MEMBERS OF THE ON ECONOMIC COUNCIL	TARIO	Purvis Littlejohn	past vice-president Ontario Federation of Agriculture
Dr. J. M. Gillies	chairman; dean Faculty of Administrative Studies York University	Mrs. A. F. W. Plumptre	president Vanier Institute of the Family; past president Consumers' Association of Canada
David B. Archer	president Ontario Federation of Labour	Carl A. Pollock	chairman of the board Electrohome Limited
Stuart W. Clarkson	deputy minister Department of Revenue	Morgan Reid	vice-president Planning and Development
J. Douglas Gibson	chairman Canadian Reinsurance Company	L. Sefton	Simpsons-Sears Limited director District 6 United Steelworkers of
Rowland G. Hill	regional director International Union of Operating Engineers	W. H. Spicer	America president and general manager
Oakah L. Jones	chairman of the board The Consumers' Gas Company		Spicer's Tire Service Limited; vice-chairman, board of governors
T. S. Jones	vice-president Paper and Allied Products	William R. Stadelman	Confederation College president Ontario Research Foundation
	Anglo-Canadian Pulp and Paper Mills, Limited	R. B. Taylor	vice-president and treasurer
Stewart H. Lane	professor, Department of Agricultural Economics University of Guelph	W. Roy Thompson	The Steel Company of Canada industrial commissioner Ontario Northland Transportation Commission
Miss J. Elizabeth Leitch	economic adviser Canadian Imperial Bank of Commerce	Dr. W. Donald Wood	director Industrial Relations Centre Queen's University



During 1970 the Information Services Branch provided continuing public relations services for all units - of the department.

SERVICES

In addition to day-to-day response to requests for information from all parts of the country and indeed from all over the world, branch members assisted the Prime Minister's office in press arrangements for the Provincial and Municipal Conference and the Great Lakes Environmental Conference.

Information Services completed two TV specials during the year, one on Canada's contribution to Expo 70 and Ontario Day at that World Fair, and a second on the 1970 Eedee Fashion Awards.

Four television clips were produced in 1970. These dealt with the acceptance of Ontario's pavilion at Expo 70; Ontario Day, Expo 70; and two regarding progression of construction of Ontario Place. A total of 15 publications were completed during the year.

Visiting businessmen, buyers and editors from Europe and the United States were given assistance in arranging their itineraries and provided with background information according to their specific interests.

Trade counsellors manning our 14 foreign trade offices were given information kits containing selected pictures and story material on the province. These kits were designed to be used to answer queries about Ontario and the department tendered by the news media. In addition, the foreign service offices were provided with a selection of photographs and written material which could be made up locally into window displays. Trade counsellors were also given sourced material for background information when preparing speeches.

General promotions through press conferences, news releases, audio-visuals, photographs, films, and brochures were provided for department activities.

These included advance articles for the daily and trade press, in several languages, plus organization of press interviews at European and U.S. trade fairs, and Business Opportunity Missions in which the department participated.

Promotions were also arranged for exporting and industrial development seminars and for meetings of the Women's Advisory Committee.

PUBLICATIONS

Ontario Trade and Industry Services

Programs and activities of the Trade and Indus Division which serve businessmen and municipalitie

Three Roads to Profit

Services to establish branch plants in Ontario, jo ventures, licensing and production arrangements. Pu lished in English, French, German and Spanish.

Our Man from Ontario

How the businessman can take part in the Onta government's sales opportunity mission program increase exports.

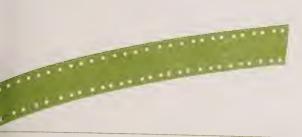
Ontario Industrial Review

Annual report of the Ontario Department of Tra and Development.

Exporter's Guide

Export services for the Ontario manufacturer.

Municipal Industrial Development Guide, 1970 Edition Industrial promotion at the community level.



Narketing Programs

Export services for the Ontario manufacturer.

tatistics for Profit

Statistics on Canadian exports to the U.S., U.K., Vest Germany and Japan, Canadian export opportuities, and fabrication gaps in Canadian industry.

Intario Products for Export

Directory of Ontario products for export and the ompanies that manufacture them.

ntario Exports by Countries ntario Exports by Commodities

Statistical summaries of Ontario's export achievenents, and re-exports, pointing to new marketing opportunities.

ntario Engineering Services Abroad

Ontario government assistance to firms taking part overseas engineering projects.

otels for Export

otel/Motel Services and Supplies

Services to encourage Ontario companies to build tels in other countries and to supply specialized uppent for hotels, motels and restaurants.

rport Equipment from Canada sual Aids from Canada

Consulting services and suppliers of airport and proach and runway equipment are described in these ochures.

omen and the Economy

This pamphlet of the Women's Advisory Committee tlines how Ontario women can strengthen the econgy. (Also in French.)

eridan Park Research Community

The operation, function and organization of Ontario's earch community.

e People Hunters

How Ontario companies and agencies, unable to find ficient skilled or professional personnel locally, can ruit overseas through the department's Immigration anch.

tario — Workshop of Canada

he province's economy, business and investment portunities, its history, culture and people.

tario — Facts and Figures

Summary of the province's manufacturing, resources, rgy, cultural achievements. In English and French.

Ontario Information

A pamphlet introducing the province to prospective immigrants and others. Published in German, Greek, Portuguese, Dutch, Spanish, Hungarian and French.

Ontario Reading Guide

A listing of books and publications concerning the province's history, geography, natural resources, industries and economy.

FILMS (Color, 16mm)

Going for You

Services to businessmen of the Department of Trade and Development — 20 minutes.

Ontario Today

Industry, recreation and the people of Ontario are featured in this extensive tour of the province — 28 minutes.

Ontario at Expo 70

Canada's participation in Expo 70 seen through the eyes of two members of the Ontario Pavilion staff — 26 minutes.

Design for Tomorrow

How the Ontario government assists the fashion and furniture industries to improve designs — 13 minutes.

Big Deal

Animation and live action provide an entertaining analysis of the Ontario economy, emphasizing the importance of expanding both domestic and export markets — 8½ minutes.

The Scientific Century

Research and its importance to man's well-being, portrayed during a visit to Sheridan Park Research Community, Ontario's "science city" — 20 minutes.

Publications are distributed free to businessmen and other interested groups or individuals. Films are loaned for the cost of return postage or express charges.

Contact:

Information Services
Department of Trade and Development
950 Yonge Street
Toronto 5
Ontario, Canada
Phone 365-5466

OUTGOING SALES MISSIONS-1970

Chicago — February 1

Global Candies Ltd., Toronto Kenneth S. Fraser Co. Ltd., Milliken Sainthill-Levine & Co. Ltd., Toronto Gilson Manufacturing Co. Ltd., Guelph

Rosedale Plastic (Containers) Ltd.,

Nixon Plate Coils Ltd., Gormley Hardy-Glenwood Products, Barrie G. H. Wood & Co. Ltd., Toronto

London, United Kingdom — February 13

Atlantic Packaging Co., Scarborough Automatic Bar Feed Ltd., Downsview Blue Giant Equipment of Canada Ltd., Brampton Kraus Carpet Mills Limited, Kitchener Lyn Leather Co. Ltd., Toronto Nortex Products Co., Toronto Rixson of Canada Ltd., Rexdale

Lebanon, Saudi Arabia, Kuwait, Iraq, Syria, United Arab Republic — March 31

Dahmer Steel Ltd., Kitchener Fairgrieve and Son Ltd., Toronto Frederick Parker (Canada) Ltd., Scarborough Snap on Tools Limited, Toronto Kohler of Canada Ltd., Malton

Germany — March 28

Hubert Industries Ltd., Toronto Guy-Chart Tools Ltd., Pickering Kelsey-Hayes Canada Ltd., Windsor Unitron Industries Ltd., Hamilton BLM Automatic Clutch Ltd., Scarborough

Far East — April 9

Progressive International Mfg Ltd., London B & K Machinery International Ltd., Toronto Advanced Transducer Systems Ltd., Toronto Ex-Cell-O Corporation of Canada Ltd., London Blue Giant Equipment of Canada Ltd., Brampton Norfolk Knitters Ltd., Port Dover Computing Devices of Canada Ltd., Ottawa Cardiovascular Specialties Ltd., Scarborough

Chicago, U.S.A. — April 12

Trek Luggage of Canada Ltd.,
Arnprior
D'Orlan Jewellers Ltd., Toronto
Sofia Originals Ltd., Toronto
Troister Company Ltd., Toronto
Northern Vibrator Mfg. Ltd., Oakville
St. Lawrence Steel & Wire Co.
Ltd., Gananoque
Granite Paper Products, Toronto
Ratcliff's (Canada) Ltd.,
Richmond Hill

Cleveland, U.S.A. — April 27

Colt Press, Oakville
Fittings Ltd., Oshawa
General Smelting Co. of Canada
Ltd., Burlington
Hartford Tooling Ltd., Windsor
Luby Products Ltd., Toronto
Ranger Safety Products Ltd.,
Simcoe

Spain and Italy — April 25

Bulldog Lacing Ltd., Hamilton

Certified Automotive Products, Rexdale Fleron Lumber Ltd., Sault Ste. Marie Leigh Instruments Ltd., Carleton Place Peace River Mining and Smelting

Peace River Mining and Smelting Ltd., Amherstburg Levine Bros. Hides Ltd., Toronto

Boston, U.S.A. — May 3

Designed Precision Castings,
Brampton
Internova Industries Ltd.,
Scarborough
K.K. Precision Parts Ltd.,
Downsview
Polyco Distributors Ltd., Downsview
Valley City Manufacturing
Co. Ltd., Dundas
Warner and Jekabsons Ltd., Toronto

Scandinavia - May 16

Canadian Gisholt Plastics Ltd., Toronto Stark Electronic Instruments Ltd., Ajax
Claire Haddad International,
Toronto
Tilco Plastics Ltd., Peterborough
Kitchens of Sara Lee Inc., Bramalea
Allanson Manufacturing Corp Ltd.,
Toronto
Standard Coil Products Ltd.,
Toronto
John Hort Handbags, Toronto
Spaulding Fibre of Canada Ltd.,
Etobicoke

Curacao, Netherlands-Antilles — May 31

Blue Mountain Pottery, Collingwoo Dominion Fabrics Ltd., Toronto Fire-Atak Ltd., Toronto Gaunt Steel Products Ltd., Toronto Harding Carpets Ltd., Brantford Ideal Food Service Equipment, Toronto Morton-Parker Ltd., Trenton Redirack Industries Ltd., Weston Sainthill-Levine Uniforms Canada Ltd., Toronto Somerville Industries Ltd., Bramale G. H. Wood Ltd., Toronto

United Kingdom — June 19

Allied Chemical Canada Ltd.,
Belleville
Tri-Canada Fittings and Equipmen
Ltd., Toronto
Canadian Stackpole Ltd., (Philn
Universal Division), Scarborough
Wrap-O-Matic Machinery Co. Ltd.,
Scarborough
H. J. Langen & Sons (Canada) Ltd
Rexdale
Unitron Labels Ltd., Hamilton
D. J. Mudie & Co., Toronto
Edson Machinery Ltd., Hamilton

Shanfield Industries Ltd., Toronto Netherlands-Amsterdam — June 3

Delamere & Williams Co. Ltd.,

Toronto

Canadian General Electric Co. Ltd Cobourg Phillips Electronics Industries Ltd Toronto Frink of Canada, Division of Eastern Steel Products, Preston Raytheon Canada Ltd., Waterloo Data Speech International, Ottawa Crown Steel Products, Toronto Electrohome Ltd., Kitchener Mathews Conveyor Co. Ltd., Port Hope

E. W. Bliss (Canada) Ltd., Georgetown Canadian Westinghouse Co. Ltd., Hamilton

lohannesburg, South Africa — July 30

Mississauga

Best Universal Locks Ltd.,

Canadian Wallpaper Mfgs. Ltd.,
Foronto
Friodetic Structures Ltd., Ottawa
Selkirk-Metalbestos Ltd., Brockville
The Granure Corp. Ltd., Toronto
Sternson Ltd., Brantford
Vilson Lighting Ltd., Toronto
Canadian Chromalox Co., Rexdale
Daymond Ltd., Chatham
Licholson File Co. of Canada Ltd.,
Ort Hope

os Angeles, U.S.A. — August 20

owmar Canada Ltd., Ottawa onsolidated Computers Ltd., oronto ytec Electronics Ltd., Toronto & L. Tool Ltd., Bowmanville icrosystems International Ltd.,

ttawa illtronics Ltd., Peterborough par Aerospace Ltd., Toronto uscom Logics Ltd., Toronto elwyn Canada Ltd., London

nicago, U.S.A. — September 13

odi-Gard Canada Ltd., Weston Ontinuous Colour Coat Ltd., exidale

ardman Fittings Ltd., Willowdale eorgian Steel Boats Ltd., Stoney eek

CKibbon Manufacturing Co. Ltd., milton thi Industries Ltd., Delhi

tistic Woodwork Co. Ltd., Toronto

rmany — September 25

Sound Ltd., Toronto tomatic Bar Feed Co., Downsview Multiscreen Corp. Ltd., Galt Standard Spice Co., Weston Kermil Co., Toronto Technolux, Rexdale Simmard Photo Equipment Ltd., Downsview

Tokyo, Japan — October 1

W. R. Elliott Co. Ltd., Kitchener Strite Industries Ltd., Hespeler Mold Masters Ltd., Downsview James Fibreglass Mfg. Co. Ltd., Concord Moyer-Diebel Ltd., Jordan Station Electronic Illumination Ltd., Scarborough Semler Hardwood Co., Willowdale

France, Belgium, The Netherlands — October 2

Arcan Eastern Ltd., Hamilton Thomson Research Associates, Toronto Mega Systems Design Ltd., Scarborough L. J. McGuinness & Co. Ltd., Toronto Monica Garment Co. Ltd., Toronto Ontario Hardwood Products Ltd., Toronto Dominion Fabrics Ltd., Toronto

South America — October 2

Canada Wire and Cable Co. Ltd., Toronto Colonial Tool Company, Windsor John Labatt Limited, London Moloney Electric Co. of Canada Ltd., Toronto Otaca Ltd., Orillia Timberland Ellicott Ltd., Woodstock Truco Canada Ltd., North Bay

Cleveland, U.S.A. — November 29

J. W. Anderson Co. Ltd., Dundas Converto Equipment Manufacturing Ltd., Kitchener Eng Mark Limited, Malton Galt Brass Co. Ltd., Galt Reliable Toy Co. Ltd., Toronto Shakespeare Co. (Canada) Ltd., Orillia Vulcan Electric Co. Ltd., West Hill

Eastern Europe — October 24

Timberjack Machines Ltd.,
Woodstock
National Rubber Co. Ltd., Toronto
Canadian Longyear Ltd., North Bay
Samsonite of Canada Ltd., Stratford
Spaulding Fibre of Canada Ltd.,
Etobicoke
Aeco Metals Ltd., Cainsville
Cromac Chemical Co. Ltd., Toronto

United Kingdom — October 25

Avar Films Ltd., Mississauga Bardeau Ltd., Downsview Canadian Beaver Co. Ltd., Toronto Convertible Pool Products Ltd., Scarborough Denwood Crafts Ltd., North York Frost Metal Products Ltd., Hamilton Trelawney of Canada Ltd., Weston

New York, U.S.A. - November 1

Cannon Industries Ltd., Hamilton General Smelting Co. of Canada Ltd., Burlington Inter Continental Design Ltd., Scarborough Trek Luggage of Canada Ltd., Arnprior Unicap of Canada Ltd., North Bay

Boston, U.S.A. — November 22

Bentley Sporting Goods Ltd., Niagara Falls Burke & Wallace Ltd., Rexdale Canada Barrels & Kegs Ltd., Waterloo King Metal Products Ltd., Woodstock Professional Machine & Tool Co. Ltd., Downsview Sanden Machine Ltd., Downsview Steel Art Co. Ltd., Scarborough

Atlanta, U.S.A. — November 29

Grampian Marine Ltd., Oakville Industrial Interiors Ltd., Toronto McEwan Tougard Industries Ltd., Bracebridge Karel Crafts of Canada Ltd., Scarborough Virina Dental Products Ltd., Ottawa

ONTARIO COMPANIES AROUND THE WORLD

Eighteen Ontario companies extended their manufacturing know-how and services in 1970, opening branch plants in the United States, the United Kingdom, Europe, the Caribbean and Australia, or authorizing companie in these areas to manufacture their products under licensing arrangements. Products ranged from pleasure boats to computer systems, fasteners to plastic products.

BRANCH PLANTS

ONTARIO COMPANY	FOREIGN COMPANY	PRODUCT
Supreme Aluminum Ind. Ltd. Scarborough I. P. Sharp Co. Toronto International Hotel Covers Assoc. Ltd.	Supreme Aluminum Ind. Ltd. Barbados Intersystems N.V. Amsterdam, Netherlands Int'l. Hotel Covers Assoc. Ltd. London, England	Aluminum Products Computer Systems Stationery Covers
Toronto Belgium Standard Waterloo Lake Ontario Steel Co.	Pac-King Inc. Silver Springs, Md. Lake Ontario Steel Sheerness, Kent	Refuse Compactor Steel
Whitby Prescott Paper Products Ltd. Prescott Janitorial Development Co. Ltd. Toronto Universal Sections Ltd. Toronto	Prescott Paper Products (N.Y.) Ogdensburg, N.Y. Janitorial Development Inc. Maple Heights, Ohio Universal Sections (Florida) Ltd. Miami, Fla.	Paper Tarps. Janitorial Services Architectural plastic product:

LICENSING ABROAD

LICENSOR	LICENSEE	PRODUCT
LICENSON		
Ontario Paper Co. Ltd. Thorold	Takasago Koryo (Perfume) Co. Ltd. Tokyo	Vanilline
Polymer Corporation Sarnia	Nippon Petrochemicals Co. Tokyo	Petro Chemic
Leigh Instruments Ltd. Carleton Place	Kawaso Electric Industrial Co. Tokyo	Oxygen Probe
Canadian Chromalox Rexdale	George Bray & Co. `` Leicester	Electric heating equipment
E. J. Wright Central Ltd. Strathroy	Firma Bruder Assmann Austria	Store equipment
David J. Midie & Co. Toronto 18	Thorne Engineering Ltd. Norfolk, England	Shrink Tunnels
Falcon Fasteners Limited Toronto	Ofrex Limited London, England	Staples, Nails
Kilgore Removable Walls Ltd. Toronto 18	F. Hills & Sons Ltd. Stockton-on-Tees, England	Removable Walls
G. A. Pawson Ltd. Waterloo	Hobo Southeast Inc. Delano, Fla.	Pleasure boats
Service Steel Engineering Ltd. Hamilton	Edward S. Archer Pty Ltd. Sydney, Australia	Dock levellers

TRADE SHOWS AND EXHIBITS - 1970

June

October

October



National Association of Men's Sportswear International Industrial &

arch

arch

Engineering Materials

SJUKHUS 70 (Hospital Equipment)

New York City

Tokvo

Stockholm

May Buyer's Exhibition June PIPEX

> Caribbean International Trade Fair

June PAKEX — International Packaging Ex. July

International Airport Construction and Equipment

Exhibition

August International Building Exhibition

WESCON Electronics August September Hotel Keeping & Tourist Equipment Fair

Association of Iron & September

Steel Engineers October PHOTOKINA Photographic Cologne

Equipment

Fur Das Kind EUROSNACK

London Curação

London

Amsterdam

Johannesburg Los Angeles

Cleveland

OOD COUNCIL MISSIONS

The following firms have participated in Ontario Food Council Missions in 1970:

Agincourt Foods Alora Food Products Ltd. Alpine Brand Meat Products Atlantic Candy Mfg. Ltd. Atwood Cheese Co. Barnes Wines Ltd. Bellina Biscuits Co. Ltd. Bittners Meat Products Ltd. Bowes Co. Ltd. Burns Foods Ltd. Butland Industries Ltd. Canada Bread Co. Ltd. Canada Packers Ltd. Canadian Breweries Ltd. Cardinal Meat Specialties Ltd. Chateau-Gai Wines Ltd. Coleman Packing Co. Colonial Cookies Ltd.

Dare Foods Ltd.

Essex Packers

Darigold Products

Farmhouse Frozen Foods Ltd. Flamingo Pastries 4-F Foods Ltd. Feature Foods Ltd. Federal Farms Ltd. Gainsborough Kitchens Ltd. General Bakeries Ltd. Granny's Tarts Ltd. Grimm's Foods Ltd. Hamilton Baking Co. Hardee Farms Hayhoe Tea Co. Hollandia Bakeries Ltd. Holly-Wood Kitchens Ltd. Huron Produce Ltd. Imperial Foods Ltd. Laura Secord Candy Ltd. McCormick's Ltd. L. J. McGuinness & Co. Ltd. Peter MacGregor Ltd. Margaret's Fine Foods Ltd. Morrison-Lamothe Frozen Div. (Farmhouse Brand)

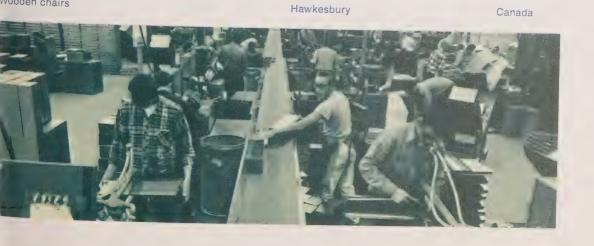
Naples Macaroni Co. Ltd. Wm. Neilson Ltd. Norfolk Fruit Co-op. Olin Brown Candies Ltd. Omstead Fisheries Ontario Honey Producers Co-op, Ltd. Parkdale Wines Ltd. Peak Frean (Canada) Ltd. Primo Macaroni Co. Gordon K. Russell Foods Ltd. J. M. Schneider Ltd. Siena Foods Ltd. Stafford Foods Ltd. Stevenson Sales Co. St. Williams Preservers Ltd. Lewis Thomson & Sons Ltd. Toronto Macaroni Ltd. Toronto Toffee Ltd. United Biscuits (Canada) Ltd. United Dairy Producers Co-op. Charles Wilson Ltd.

NEW MANUFACTURING ESTABLISHMENTS

The following 151 new manufacturing establishments were among the major firms entering secondary manufacturing in Ontario in 1970. Companies listed employ at least 10 persons, occupy 5,000 square feet of manufacturing of assembly space, or have sales exceeding \$100,000 annually.

assembly space, or have suite executing the	LOCATION	ORIGIN
COMPANY Adian-Guelph Materials Handling Limited Hardwood pallets and boxes	LOCATION Guelph Township (Guelph)	Canada
Algocraft Limited All-terrain vehicle	Thessalon	Canada
W. D. Allen Mfg. Co. (Canada) Limited Lawn sprinklers	Metropolitan Toronto Chinguacousy Township	United States United States
American Standard Industrial Products Limited Shell and tube heat exchangers	(Bramalea)	
Arnett Company Limited Custom stainless steel equipment for institutional kitchens	Chinguacousy Township (Bramalea)	Canada
Asbestos Cutting and Fabricating Cutting and fabricating asbestos sheet	Burlington	Canada
Avenger Electronics Electronic components	Tweed	Canada
C. R. Bard (Canada) Limited Surgical appliances — drainage bags	Metropolitan Toronto	United States
Beeck Delicatessen (Canada) Limited Delicatessen and fish products	Metropolitan Toronto	West Germa
Bel Products (Canada) Ltd. Electrical fittings and junction boxes	Metropolitan Toronto	Canada
Bernard Mould Limited Plastic injection moulds	Windsor	Canada
Bookprint-Rapide Limited Books and publications	Kingston	Canada Canada
Bulcan Industries Limited Snowmobile trailers; steelwork	Whitchurch Township (Gormley)	00
Campbell & TWA Machine Limited Industrial and mining machine parts	Teck Township (Kirkland Lake)	Canada
Canada Bondwood Limited Bondwood	Blind River	Canada
Canada Carbon and Ribbon Company Limited Solvent coated paper	Brighton	Canada
Canadian Applied Technology, Division of Arrow Flight Holdings Ltd. Electronic and pollution control equipment.	Mississauga	Canada
Canadian Fiberfil Division of Tupperware Home Parties Ltd. Reinforced thermoplastic pellets	Stoney Creek	United State
Canron Limited, Coupling Department Pipe couplings	London	Canada
Capitol Records (Canada) Limited Prerecorded 8/track cartridges and prerecorded cassettes	Mississauga	United State
Carlton Cards Limitéd Greeting cards and wrappings	Chinguacousy Township (Bramalea)	Canada
Caveman Industries Limited Slip-in campers and truck caps	Simcoe	Canada
Central Stampings Limited Metal stampings and assemblies	Windsor	Canada
Chesbar Iron Powder Ltd. Metallic iron pellets	Niagara Falls	Canada

COMPANY	LOCATION	
Chimo Furniture Manufacturers Limited Store fixtures and custom furniture		ORIGIN
Chris-Steel Fabricating Limited Custom fabricated steel; grandstands and bleachers	Metropolitan Toronto	Canada
Claybell Castings Limited Continuous-cast bearing bronze	Port Robinson	Canada
Concord Manufacturing Limited Office furniture	Thornhill Vaughan Township	Canada Canada
Concorde Metal Stampings Limited Automotive steel processing	(Concord)	
Consolidated Computer Limited Specialized computer products and "Key-Edit" system	Tilbury	Canada
ontinental Can Company of Canada imited, Metal Division	Ottawa	Canada
Cans Coronation Knitting Mills Canada Limited Texturizing	Trenton	Canada
oulter Electronics of Canada Ltd	Hawkesbury	Canada
Reagents for electronic blood cell counting raftbend Limited Lacrosse sticks	Mississauga	United States
rest Containers Limited Corrugated shipping containers	New Hamburg	Canada
ross Roads Canada Furniture and case goods	Dundas	Canada
M. Furniture Company Limited Custom-made bedroom and	Stoney Creek	United States
dining room furniture elta '70 Manufacturing Company Welded wire mesh	Metropolitan Toronto	Canada
omtar Construction Materials Ltd., borite Division	Harrow	Canada
Decorative plastic laminates onn-Bacchus Limited Wine kits	Vaughan Township	Canada
ytex Limited	Oakville	Canada
Dryer felts for paper industry	March Township (Kanata)	Canada
D.A. Electronics Ltd. Geophysical equipment	Ottawa	
npire Bentwood Industries Ltd. Wooden chairs		Canada
	Hawkesbury	Canada



NEW MANUFACTURING ESTABLISHMENTS (continued)



		ORIGIN
COMPANY	LOCATION	ORIGIN
Exlo Manufacturing Limited Custom and production metal fabrication	Metropolitan Toronto	Canada
Filtran Limited Electronic components for telecommunications industry	Ottawa	Canada
Findlay Foundry Limited Castings	Carleton Place	Canada
Forward Ideas Limited Summer road conversion kit for snowmobiles	Tillsonburg	Canada
Futorian of Canada, Division of Gold Crest Products Limited Upholstered furniture	Metropolitan Toronto	Canada
General Spring Company Ltd. Springs for railways and rail anchors	Prescott	Canada
Glengarry Industries, Division of Canadian Corporate Management Co. Ltd. Roll-forming and tube manufacturing	Preston	Canada
Go-Power Leisure Products Manufacturing Limited Mini-bikes and other recreational products	Thunder Bay	Canada
Granges Nyby Canada Limited Welded stainless steel tubing	Brockville	Sweden
HPE Industries of Canada Limited Swimming pools and accessories components	Vaughan Township	United Stat
Hardfacing Alloys Limited Wires and welding rods	Metropolitan Toronto	Canada
R. E. Hodgins Industries Limited Wooden house trusses	Renfrew	Canada
Holiday Magic Limited Cosmetics	Metropolitan Toronto	United Sta
Hovey & Associates Limited Prototype engines	Ottawa	Canada
Hunt Windows, Division of The Robert Hunt Company Ltd. Windows and related products	Vaughan Township (Concord)	Canada
Hydel Engineering Limited Poleline hardware	Welland	·Canada
Industrial Fasteners Limited, Rolling Mill Division Rod and bar mill	Longueuil Township (L'Original)	Canada

COMPANY		
Instronics Limited Graphic digital converters	LOCATION	ORIGIN
Interlocking Building Systems Limited Prefab panels for homes	Stittsville	Canada
International Cooperage Company of	Woodbridge	Canada
Canada, Limited Steel drums	Salter Township (Massey)	Canada
nternational Pediatric Products Ltd. Infant exerciser, plastic bibs and snap-on diaper holder	Galt	
J. P. Tool Limited Specialists in designing and building indexable tooling		Canada
(elly Tool & Mold Ltd. Plastic injection moulds	Windsor	Canada
Kemiform Division of The East Asiatic Company (Canada) Ltd. Photo chemical milling	Windsor	Canada
ling Hydraulic Power Limited Hydraulic cylinders	Metropolitan Toronto	Canada
ingston Spinners Limited	Woodstock	Canada
Carpet yarn processing night Custom Manufacturing Company Limited Custom products of sheet metal	Kingston	Canada
and stainless steel reisler (Canada) Limited	Brighton	Canada
Metal and leather watchband straps popco Canada Limited	Metropolitan Toronto	Canada
Steel handling equipment	Hamilton	United States
L.H. Bakery Products Limited Pies and cakes	Stoney Creek	
aple Roll Leaf Company Ltd. Hot stamped foils	Windsor	Canada
arlette Homes of Canada Limited Mobile homes and sectional housing		Canada
cCallan & Associates Limited nicap of Canada)	Stratford	United States
Nurses' caps and other plastic products cro Plastics Co. Limited	North Bay	Canada
Custom profile plastic extrusions kropul Canada Limited	Guelph	Canada
Dust control units and air pollution control devices	Chinguacousy Township (Bramalea)	United States
bo Manufacturing Limited Forks for lift trucks		
rphy Containers Limited Corrugated paper products	Brampton	Canada
uld-Tek Industries Ltd	London	Canada
Auxiliary equipment for plastics industry lord Shirt Mfg. Ltd.	Metropolitan Toronto	Canada
Men's shirts Deteric Chemical Systems Limited	Metropolitan Toronto	Canada
W Method Merchandising Company Limited	Oakville	Canada
dvertising specialties — inyl telephone directory covers	Davida	
The state of the s	Perth	Canada

NEW MANUFACTURING ESTABLISHMENTS (continued COMPANY	LOCATION	ORIGIN
Norland-Jones Limited Solid state power control equipment	Gananoque	United State
North West Hydraulics Hydraulic cylinders	Thunder Bay	Canada
Northern Electric Company Limited Communication wires and cables	Kingston Township	Canada
Northern Yacht Limited Fibreglass sailboats	Ajax	Canada
Ontario Roll Forming Company Limited Steel roll forms	Metropolitan Toronto	Canada
Orangeroof of Canada Limited Ice cream and food products	Welland	Canada
Ou-Yang's Boat Works Fibreglass boats	Whitby	Canada
P. C. Drop Forgings Limited Custom steel forgings	Port Colborne	Canada
P.H.A. Industries Limited Paper converting	Metropolitan Toronto	Canada
Palmer-Shile (Canada) Ltd. Industrial and commercial storage systems	Chinguacousy Township (Bramalea)	United Stat
Pegg Aluminum Products Limited Aluminum windows and related products	Vaughan Township (Concord)	Canada
Pleasant Manufacturing Company Limited Custom precision screw machine parts	Metropolitan Toronto	Canada
Polylite Lamp and Shade Manufacturing Limited Lamps	Metropolitan Toronto	Canada
Porta-Flex Products Limited Rubber escalator handrails	Ajax	Canada
Powerair of Canada Limited Air pumps for industrial and home use; compressors	Cornwall	Canada
Precision Wood Cutting of Thunder Bay Limited Custom wood components	Thunder Bay	Canada
Promitheus Steel Fabricators Limited Mobile field units	Guelph	Canada
Protein Foods Corporation Limited Boneless meat protein, animal fats and edible bone meal concentrate	Paris	Canada
Quality Circuits Manufacturing Limited Printed circuit boards	Metropolitan Toronto	Canada
Quatic Chemicals Limited Water treatment chemicals	Guelph	Canada
R-B Filters Limited Membrane filters	Metropolitan Toronto	Canada
R & J Machine & Engineering Limited Custom machinery	Kitchener	Canada
R.L.K. Industries Limited Gift wrappings and associated products	Metropolitan Toronto	Canada
Raudaschl Sails (Canada) Limited Canvas sails	Metropolitan Toronto	Austria
Rebco Chemicals Limited Commercial floor finishes; detergents & soaps	Burlington	Canada
Re-Doe Mold Company Limited Plastic and die-cast moulds	LaSalle	Canada
RekVee Industries Limited Motor homes	Metropolitan Toronto	Canada

COMPANY	LOCATION	
Remco Wood Products Limited Laminated kitchen cabinets and bathroom vanities	Woodstock	ORIGIN
Renfrew Tool (1970) Limited Valves and specialized custom work	Renfrew	Canada
Rexolite Manufacturing Limited Lighting fixtures		Canada
Robinson Rigid Plastics, Division of E. S. & A. Robinson (Canada) Limited Rigid plastic products	Metropolitan Toronto	Canada
Rogers Ornamental Works Ornamental structural steel; tables and benches	Metropolitan Toronto	Canada
Rosedale Furniture of Fenelon Limited Knock-down patio and garden furniture	Cornwall _	Canada
James A. Ryder Manufacturing Limited Prefab sheet metal chimneys	Fenelon Falls	Canada
Baugeen Product Development Limited Plastic furniture components	Stoney Creek	Canada
Schauenburg Industries Ltd. Plastic ducts for mine ventilation	Hanover	Canada
Scott Laboratories Limited	North Bay	West Germany
Asbestos filter pads Sea Sport Products	Pickering Township	United States
Fibreglass boats ecurity Window of Canada Ltd.	Streetsville	Canada
Aluminum and wood residential windows ellick Equipment Limited	Burlington	Canada
Fork lift trucks hamrock Chemicals Limited	Harrow	Canada
Industrial and agricultural chemicals pace Optic Limited	Port Stanley	Canada
Optical mechanical devices pectech Industries Limited	Goulbourn Township (Bell's Corners)	Canada
Plastic containers telwyre Limited	Metropolitan Toronto	Canada
Light gauge steel wire	Saltfleet Township (Stoney Creek)	Canada
ullivan Mill Equipment Limited Helicoid screw conveyors	Cannington	



NEW MANUFACTURING ESTABLISHMENTS (continued) LOCATION COMPANY Superex Limited Chemicals, cleaning products, Metropolitan Toronto and tire repair materials Esquesing Township Systems Construction (Ontario) Limited (Milton) Closed modular units Techonic Industries Limited Tottenham Automotive stampings and assemblies Toga Manufacturing Limited Windsor Automotive stampings and assemblies Trenfab Industries Limited Hastings Swimming pools and strut products Trillium Industries Richmond Hill Trailers Tripp-Vogt-Trottier Ltd. Fabrication of bulk handling systems: Tillsonburg equipment and steel fabricators Turchan Industries Limited Windsor Reinforced fibreglass products Unit Rig & Equipment Co. (Canada) Ltd. Niagara Falls Electric-powered open pit mining trucks Universal Filter Media Limited Metropolitan Toronto Filtering media Valewood Products Limited Renfrew Sauna lodges and cedar doors

Vaters Seating (International) Limited Theatre, church and school seating

Voyageur Canoe Company Fibreglass canoes Wallcrown Limited Wall coverings

Werby Industries (Canada) Ltd. Self-adhesive envelopes and tapes

Westeel-Rosco Limited, Flexcon Division Movable panels and partitions

Westroc Building Components, Division of Western Gypsum Limited Stairs and windows

Wheeling Industries of Canada, Limited Steel pipe couplings and pipe fittings

Wilco Tubular Products Ltd. Steel tubing for gas lines and brake lines

Wildwood Metal Products Limited Underground and skid fuel tanks

Wiscot Manufacturing Limited

Boat and snowmobile trailers

Canada Canada

ORIGIN

Canada

Canada

Canada

United State

United State

Canada

Canada Canada

United State Canada

Canada Metropolitan Toronto Canada Millbrook Canada Metropolitan Toronto

United State Metropolitan Toronto Canada Metropolitan Toronto

Oakville United Stat Dunnville Canada London

Canada Blanshard Township (St. Marys)

Canada



JOINT VENTURES

Seven joint ventures were negotiated in Ontario in 1970. Joint ventures unite Ontario industrialists or financial interests with persons or companies inside or outside the province to have their products manufactured in Ontario by a jointly owned company.

COMPANY	LOCATION	PRINCIPALS
Conair Canada Ltd. Vacuum conveying equipment for plastics industry	Mississauga	Conair Inc. Pennsylvania, U.S.A. A. C. Hamilton & Co. Mississauga
Fountain Brand Limited Beverage dispensers	Mississauga	Fountain Industries Inc. Minnesota, U.S.A.
		Shipley Co. of Canada Ltd. Mississauga
Gayla-Haugh Kites Ltd. Plastic kites	Metropolitan Toronto	Gayla Industries Inc. Texas, U.S.A.
		Haugh's Products Ltd. Metropolitan Toronto
Brote Manufacturing Canada Limited Automotive accessories	Agincourt	Grote Manufacturing Co. Inc. Indiana, U.S.A.
Automotive accessories		Linwo Industries Ltd. Agincourt
Parkspin Ltd. Polypropylene yarns	St. Thomas	Parkspin Ltd. St. Thomas
		Aberton Company Ltd. Montreal
Quick Cable Canada Limited Placement cables, terminal end	Metropolitan Toronto	Quick Cable Corporation Wisconsin, U.S.A.
		Cunningham Development Corp. Metropolitan Toronto
rouw of Canada Ltd. Mink feed	Seaforth	Trouw & Co. N.V. Amsterdam, Holland
		Topnotch Feeds Ltd. Seaforth

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MANUFACTURING ARRANGEMENTS

A total of 145 licensing arrangements were made by Ontario companies in 1970 in their pursuit of additional products and diversification.

LICENSEE	LICENSOR	PRODUCT
Alforge Metals Corporation Limited Mississauga	Ravens-Metals Products Incorporated Parkersburg, West Virginia	Aluminum Flat bed and dumping trailers
Allen Wood Products Ltd. Fenelon Falls	Jaymar Specialty Co. New York, N.Y.	Children's Upright pianos
Aluminum Goods Limited Toronto	Peter Music Kingston, Ontario	Deep V design boat
Armour Fibreglass Products Ltd. Toronto	Fiberglass of Canada Ltd. Toronto, Ontario	Cold press molding process
The Arrco-Saxon Company Malton	C. M. Paula Company Cincinnati, Ohio	Plaster figurines
The Arrco-Saxon Company Malton	Cal-Themes Products Inc. Cerritos, California	Novelty statues and figurines
Basic Hydraulics and Industrial Equipment Limited Welland	Vereinigte Flugtechnische Werke-Fokker Bremen, West Germany	Hydraulically operated aerial platforms with 17 ft. extension, rotating to 66 ft. high
Basic Hydraulics and Industrial Equipment Limited Welland	Krause Manufacturing Co. Inc. Milwaukee, Wisconsin	Man lifts
Biltmore Hats Limited Guelph	Stetson (Canada) Limited Division of John B, Stetson Co. (Canada) Limited Brockville, Ontario	Line of Stetson hats
B.L.H. Canada Ltd. Dundas	E. F. Abbey and Co. Inc. Frankfurt, Michigan	Coil-processing systems and machines
Canada Electric Co. Ltd. Weston	Dialled Despatches Limited Gosport, England	Automatic air tube system controlled by a fully transistorized small computer
Canadian Battery Containers Ltd. Toronto	Schoeller International (Munich) Munich, West Germany	Plastic milk, soft drink and beer cases
Canadian Seating Company Limited Toronto	Krueger Metal Products Inc. Green Bay, Wisconsin	Contract and educational furniture
Canbar Industrial Plastics Division of Canada Barrels and Kegs Ltd. Waterloo	Agri Plastics Corporation Milwaukee, Wisconsin	Feed queen fibreglass reinforced plastic bin
Can-Eng Manufacturing Limited Niagara Falls	Tailor and Company Bettendorf, Iowa	Bag dust collectors, wet scrubber electrostatic collectors, gaseous collectors by absorption of incineration, fluid bed drying systems, chemical recovery and reclamation equipment
Can-Eng Manufacturing Limited Niagara Falls	Aerodyne Development Corp. Cleveland, Ohio	Air Pollution control equipment
Canive Industries Limited Hagersville	La Société d'études et de développement des Aeroglisseurs Marins Terrestres et Amphibes (S.E.D.A.M.) Paris, France	Bertin Air suspension system
Canron Ltd. London	Straub Kupplungen Zurich, Switzerland	Mechanical pipe coupling

LICENSEE	LICENSOR	PRODUCT
Carriere Technical Industries Limited Scarborough	Nordic International Co. Hollywood, Florida	Air conditioners and components (Automotive use)
Central Steel Works (Peterborough) Limited Peterborough	Hamburger Segment-Behalterbau und Vertriebsgesellschaft m.b.H. Hamburg, West Germany	Baby containers
N. W. Clayton Company Limited Guelph	Shorts (Lifts) Limited Shipley, England	Dumb waiters
N. W. Clayton Company Limited Guelph	Strumech Engineering Limited Shipley, England	Versatower telescopic towers
Conair Canada Ltd. Cooksville	Conair Inc. Franklin, Pennsylvania	Equipment and controls for vacuum loading and conveying of plastic materials
J. H. Darcy Ltd. Merrickville	Hillborn Relay Corporation Farmingdale, N.Y.	Relays
Davies Truck Equipment Limited Rexdale	Detroit Automotive Products Corp. Warren, Michigan	Positive Traction — differentials for trucks
Davis Controls Limited Foronto	The Mercoid Corporation Chicago, Illinois	"Mercoid" Automatic controls
Diamond Canapower Ltd. Burlington	Crosby Valve and Gage Company Wrentham, Massachusetts	Safety and relief valves
Cominion Welding Engineering Co. Ltd. Maple	Cooling Developments Ltd. Lucerne, Switzerland	Aquafan cooling towers
Dominion Welding Engineering Co. Ltd. Maple	R. B. H. Cybernetics, Patents and Processes Ltd. Victoria, British Columbia	Slick licker for oil slicks "Oleovator"
yer and Miller Bros. Limited Veston	Fire Control Engineering Company Fort Worth, Texas	Fire boss — fire-fighting equipment
. D. A. Electronics Ltd. Ittawa	Atomic Energy of Canada Ltd. Ottawa, Ontario	Radon Counter
lectrohome Limited itchener	Superscope Inc. Sun Valley, California	High fidelity audio equipment
moh Sales and Manufacturing Ltd. exdale	C. M. Churchouse Ltd. Walsall, England	Bollard outdoor lighting
xacta Precision Products Ltd.	Pivot Punch Corp.	Interchangeable punches,



LICENSEE	LICENSOR	PRODUCT
Exacta Precision Products Ltd. Scarborough	S. B. Whistler and Sons Inc. Tonawanda, New York	Reusable tooling
Export Tool and Mfg. Co. Ltd. Rexdale	Sciaky Bros. Inc. Chicago, Illinois	Automatic welding machines and accessories. Resistance, fusion and electron beam-welding equipment
Extrufix Company Limited Don Mills	Extrusion A.S. Copenhagen, Denmark	Roll n'pack kitchen waste disposal unit
Ferrox Iron Ltd. Prescott	General Magnetic Corp. Detroit, Michigan	Magnet technology
Funcraft Vehicles Limited Galt	Travco Corporation Division of P.R.F. Industries Warren, Michigan	Sportsman wagon conversions
Futorian of Canada Division of the Gold Crest Products Limited Toronto	Futorian Manufacturing Division of Mohasco Industries Incorporated Amsterdam, New York	Upholstered furniture
Ganz Bros. Toys Limited Toronto	Knickerbocker Toy Co. Inc. New York, N.Y.	Raggedy Ann and other toys
Graham Products Ltd. Inglewood	AB Ifoverken Bromolla, Sweden	Natural stone exposted aggregate exterior facade panels — trade-named GRANEX in Canada
Great Lakes Steel Products Ltd. Thunder Bay	Conder (Southern) Ltd. Winchester, England	Pre-engineered buildings
G.S.W. Ltd. Toronto	Mirro Aluminum Co. of Manitowoc Manitowoc, Wisconsin	Non-electric cookware and bakeware including porcelain exterior and teflon interior finishes as well as aluminum
G.S.W. Ltd. Toronto	Sta-Rite Industries Inc. Delevan, Wisconsin	Pumps — water systems — swimming pool equipment
Guidline Instruments Limited Smiths Falls	Northern Electric Company Montreal, Quebec	Cable fault locator
Gunsling Products Limited Toronto	M. R. Gregson Chapleau, Ontario	Gun sling
Harvey Woods Limited Woodstock	Coopers Inc. Kenosha, Wisconsin	Jockey brand — inner wear, outer wear and leisure wear
Hawker Siddeley of Canada Ltd. Canadian Bridge Division Windsor	J. H. Carruthers and Co. Ltd. Glasgow, Scotland	Monobox cranes
Hawker Siddeley of Canada Ltd. Toronto	Belco Pollution Control Corp. Paterson, New Jersey	Pollution control equipment
Hawker Siddeley of Canada Ltd. Toronto	British Railways Board London, England	APT — advanced passenger train technology
Hayward Gordon Limited Malton	Chemineer Inc. Dayton, Ohio	Mechanical agitators
Industrial Adhesives Ltd. Toronto	Paisley Products Inc. Dover, Delaware	Cordec plastisol products
Industrial Process Equipment Co. Bolton	Interrad Corporation Greenwich, Connecticut	Gema electrostatic powder spraying equipment
Ingersoll Machine and Tool Co. Ltd. Ingersoll	Cushionflight Corporation Sunnymead, California	Air cushion vehicles (Hovercraft)

LICENSEE	LICENSOR	PRODUCT
Internova Industries Limited Toronto	J and J Brook Limited Toronto	University and institutional furniture
Irwin Toy Limited Toronto	Gym-Dandy Inc. Bossier City, Louisiana	Children's outdoor
Irwin Toy Limited Toronto	Shaper Manufacturing Co. Inc. Minneapolis, Minnesota	recreational equipment Games
Irwin Toy Limited Toronto	Kohner Brothers Inc. East Patterson, New Jersey	Games
Irwin Toy Limited Toronto	Wham-O Manufacturing Company San Gabriel, California	Rubber and plastic toys
Irwin Toy Limited Toronto	Gabriel Industries Inc. New York, N.Y.	Porter science sets
John Misener Marine Equipment Limited Port Colborne	K. Elsan Sewage Systems Limited London, England	Special sewage treatment plants for marine use
Keene Corporation of Canada Ltd. Galt	Keene Corporation/Stonco Lighting Kenilworth, New Jersey	Commercial and architectural outdoor lighting
Geene Corporation of Canada Ltd. Galt	Tecalemit (Engineering) Limited Plymouth, England	Industrial and automotive lubrication systems and fittings
Keene Corporation of Canada Ltd. Galt	Arrow Pneumatics Inc. Chicago, Illinois	Non-cycling refrigerated air dryers
Kemp Products Limited ondon	Dutto Massuti Torino, Italy	Novelty plastic packaging items
err-Hunt and Associates Ltd. carborough	Ruskin Mfg. Co. Kansas City, Missouri	Commercial fire dampers (U.L.)
leenaire Equipment of Canada imited oronto	Continental Air Filters Inc. Louisville, Kentucky	Industrial air filtration systems
-Vet Limited espeler	Vestal Laboratories Division of W. R. Grace and Co. St. Louis, Missouri	Disinfectants, surgical scrubs, detergent compounds, for human health control, including hospital asepsis, food handling, etc.
apco Warehousing and anufacturing Limited eston	Shuler Axle Division, Eaton Yale and Towne Louisville, Kentucky	SHULER trailer axle
F. Lawrason and Company Ltd.	Allied Research Products Inc. Baltimore, Maryland	A wide range of specialty chemical metal treatment compounds
ndberg Hevi-Duty Canada Ltd. amalea	The Heatbath Corporation Springfield, Massachusetts	Metal treating and metal finishing products
crosystems International Ltd. tawa	Intel Corporation Mountain View, California	New line of large scale integrated circuits
lltronics Ltd. terborough	Dodwell Import-Export London, England	Flowmeter
nega Neckwear Co. Limited ronto	Schiaperelli Paris, France	Neckwear, cuff-links, scarves
nt-Craft Limited mira	Tam O'Shanter Textiles Limited Montreal, Quebec	Boy's pants, sizes 2 to 18 years
Paulin and Co. Limited arborough	Long-Lok Corporation Canada Ltd. Weston, Ontario	Long-Lok self-locking fasteners
vemaster of Canada Limited irkham	Bohn and Kahler Kiel, West Germany	Vibratory rollers for paving
el Lubricant Limited rt Credit	Rocol Limited Leeds, England	Advanced lubricants

MANUFACTURING ARRANGEMENTS	LICENSOR	PRODUCT
Pengelly Iron Works Limited Weston	Haversberg Auto Laundry Equipment Co. Chicago, Illinois	Automotive wheel washers
Pengelly Iron Works Limited Weston	Cawood Construction Limited Pretoria, South Africa	"Anker" Tent page
Polymer Corporation Limited Sarnia	Stressed Structures Inc. Denver, Colorado	Uniment technology
Polyurcon Limited Burlington	Williams Products Inc. Troy, Michigan	Beams, architectural foam, archcraft, barn siding
Powerlite Devices Limited Toronto	G and W Electric Specialty Co. Blue Island, Illinois	Underground cable accessories and oil switches
Precisioneering Ltd. Scarborough	Fibergrate Corporation Dallas, Texas	Reinforced Plastic floor grating and reinforced plastic nuts and bolts
Preston Manufacturing Limited Preston	Huck Finn Inc. Minneapolis, Minnesota	Plastic dock floats, pontoon boat kits
Radiator Specialty Company of Canada Ltd.	Radiator Specialty Company Charlotte, North Carolina	Sealing compounds, metal cleaning compounds and equipment
RAM Partitions Limited Brampton	Conwed Corporation St. Paul, Minneapolis	Landscape partitions
Ramsey Rec. Limited Richmond Hill	Canadian National Railways Montreal, Quebec	Electronic scale for freight cars
Redarr Limited Wellesley	Ledex Inc. Dayton, Ohio	Ledex solenoids and switches
R. L. K. Industries Ltd. Toronto	Cleo Wrap Corp. Division of C.I.T. Financial Corporation Memphis, Tennessee	Christmas gift wrappings and associated products
Robert Tape Limited Ottawa	B.C. Enterprises Ottawa, Ontario	Adjustable Garden Rakes
J. E. Rumball Limited Sudbury	Drillco Company Inc. Midland, Texas	D.I. 22 threads for drilling equipment
C. J. Rush Ltd. Scarborough	H. M. Cowdroy Limited Balgowlah, Australia	Cladding process
Shulman Associates Limited Toronto	Meuissen Industries N.V. Haarlem, Holland	Unipal — reinforced paper pallet
Simon-Carves of Canada Limited	Hydromation Engineering Co. Livonia, Michigan	High-rate filters
Simplicity Products Limited Hespeler	E. R. Wagner Manufacturing Co. Milwaukee, Wisconsin	Domestic laundry dryer elements
Square Tube Systems Division of Barton Tubes Limited Burlington	Barton Tube Systems Limited Bilston, England	Modular square tube metal construction system
Stevens-Hepner Co. Limited Port Elgin	Sparta Brush Co. Sparta, Wisconsin	Dairy brushes
St. Lawrence Steel and Wire Co. Ltd. Gananoque	Standard-Farrington Alarm and Signal Incorporated Trevose, Pennsylvania	Fire and burglary alarm system
St. Thomas Metallic Industries Ltd. St. Thomas	P. R. Akroyd Ltd. Harrogate, England	Smokeless incinerators
Syntrol (Canada) Ltd. Stoney Creek	Firing Circuits Division of Marathon Electric Manufacturing Corp. Norwalk, Connecticut	Firing circuits (electronic devices)



LICENSEE	LICENSOR	PRODUCT
Taulan O	hander after a territoria dell'accompanie della communication della companie dell	PRODUCT
Taylor Communications Manufacturing Company Jxbridge	The Radio Society of Ontario Inc. Toronto, Ontario	The R.S.O. Low-Pass Filter
Taylor Die and Tool Mfg. Co. Ltd. Subsidiary of Taylor Electric and Crouse Hinds) London	Minnie Punch and Die Co. Inc. Union, New Jersey	Low-cost system of dies
l. J. Taylor and Sons Ltd. Foronto	Precision Electronic Terminations (EMI) Ltd. Seven Oaks, England	'Electra' navigational aids
. J. Taylor and Sons Ltd. oronto	J. C. Rogers Lymington, England	'Contessa' sailing yacht
illotson Plastic Industries Ltd. Veston	International Technology Inc. Baltimore, Maryland	Display boards and other products using patented conductive board with push-in lights
he Timberland Ellicott Ltd. /oodstock	Riblet Tramway Co. Spokane, Washington	Ski chairlifts
ri Canada Ltd. oronto	Bardmatic Corp. Evanston, Illinois	Garbage eliminator
ri Canada Ltd. oronto	Stainless Pumps Ltd. Eastbourne, England	Stainless pumps
rillium Industries on Mills	Glastron Boat Co. Austin, Texas	F.R.P. Motor home
wo Wheels Limited pronto	Ruttman Company Dearborn Heights, Michigan	Mini-bikes
nitrak Corporation Limited ort Hope	Hans Holger Wiese Hannover, West Germany	"TipTrak" materials handling products
pic Industries Ltd. Pronto	Acoustic Chemical Co. London, England	Protective Coatings
H. Warsh and Co. Limited pronto	Tex Manufacturing Company Villaguardia, Italy	Neckwear (ties)
estern Solvents and Chemicals anada) Limited eston	The Kleer-Flo Company New York, N.Y.	Solvent Compounds
H. and M. Systems Limited ronto	Barrier Canadian Limited Toronto	Pallets of Polyester resin and cardboard
H. and M. Systems Limited ronto	Century Products Limited Aylmer, Ontario	Patented strip and finishing process for furniture
lkinson Machine Shop rleton Place	Engineering Research Service Ottawa, Ontario	Spaced plant seeder
On 11		

Schwank Gmb Cologne, West Germany

ap-o-matic

arborough

Pallet load shrink machinery

NEW MANUFACTURING ARRANGEMENTS COMPLETED WITH CANADIAN

PATENTS AND DEVELOPMENT LIMITED,
OTTAWA, ONTARIO



LICENSEE PRODUCT

Applied Physics Specialties Limited Don Mills

Canada Packers Limited Toronto

Coherent Optics Ottawa

Dominion Aluminum Fabricating Limited Toronto

E. D. A. Electronics Ltd. Ottawa

E. D. A. Electronics Ltd. Ottawa

Fathom Oceanology Limited Mississauga

Fiberglass Canada Limited Toronto

Geonics Limited Toronto

Guidline Instruments Limited Smiths Falls

Hart Chemical Limited Guelph

Instronics Limited Stittsville

Leigh Instruments Limited Carleton Place

Lumonics Research Ltd. Ottawa

Master Mechanical Manufacturing Limited Weston

Mega System Design Ltd. Scarborough

Nash and Harrison Ltd. Ottawa

Nash and Harrison Ltd. Ottawa

Scintrex Limited Concord

Scintrex Limited Concord

Wallaceburg Brass Limited Wallaceburg

A superpositioning image slicer

Lytic enzymes from sorangium

Computer program for design of glass filter combinations

Helicopter hauldown and securing device

Recording magnetometer

Automatic digital scale expander

Strut towing system

Polymeric high performance composites

Radiohm method for earth resistivity mapping

Conductivity measurement

Thiocarbohydrazones fungicides for cellulosic materials

Ultrasonic coordinate input for computer

Improved locking mechanism linkage

Transversely excited atmospher gas laser method of pumping

Tube welding device

Microwave glue line dryer

Microwave dryer for cylindrical objects

Electronically scanned microwa moisture indicator

Parallel plate wave guide drying system

Drying of tubular filaments or cylinders

Device for detecting defective plywood glue bonds

Veneer Roughness detector

Nuclear Magnetic resonance magnetometer

Total magnetic arisotropy meter

Self-contained household sewage system

PLANT EXPANSIONS

The 382 additions to plants in Ontario in 1970 cost a total of \$246,584,048. An additional 9,861 jobs resulted. These companies reported expansions:



B C Structural Concrete, rampton

R C Industries, Thunder Bay bbott of England, North York bex Industries of Canada. ominion Brake Shoe Division, iagara Falls

bitibi Panel Products. turgeon Falls

bitibi Paper Co., Sault Ste. Marie cco Canadian Co. Ltd., Toronto cme Paper Products, Toronto cton Wood Products, Acton dvance Process Supply Co.,

orth York mco Industries, Toronto can of Canada, Toronto goma Steel Corp., ault Ste. Marie

len Bradley Canada Ltd., Galt len Industries Canada Ltd., amilton

lied Colour Film, London lied Conveyor Ltd., Pickering monte Dairy Products, Almonte umicor Ltd., Toronto

uminum Co. of Canada, Aurora uminum Co. of Canada, acebridge

nerican Can of Canada, Toronto nerican Optical Co. Ltd., Belleville nerock Ltd., Meaford derson Block & Tile, Thunder Bay dres Wines, Grimsby

co, Belleville Wire & Iron Ltd., Toronto nour Elevator, Pickering nstrong Lumber Co., Twp. Watten id Machine, Windsor

nner Foods, Toronto sociated Tube Industries, Toronto ra Chemicals, Toronto ron Specialty Metals, Waterloo

antic Candy Mfg., Toronto t Milk Products Ltd., Winchester

o Specialties, Windsor omated Business Forms, Toronto

. Refinery Canada Ltd., Oakville ocock & Wilcox Canada Ltd., Galt The Beaver Wood Fibre Co. Ltd., Thorold

J. A. Besner & Sons Ltd., Cornwall Big "O" Drain Tile Co. Ltd., Hensall Blue Bell Canada Ltd., Renfrew Borg Warner (Canada), Cobourg Botting Asphalt Paving Ltd., Toronto J. P. Bowman, Brantford Burlington Die Castings Ltd., Burlington

Canada Envelope (Ont.) Ltd., Toronto Canada Glue Co. Ltd., Brantford Canada Wood Specialty, Orillia Canadian Carborundum, Niagara Canadian Fabricated Prod. Ltd., Stratford Canadian Fence Contractors, Windsor Canadian General Tower, Galt Canadian Gypsum Co., Toronto Canadian Hanson & Van Winkle, Etobicoke

Canadian Hanson & Van Winkle,

Windsor Canadian Heat Treaters,

Richmond Hill Canadian Home Products, Niagara Falls Canadian Industries Ltd., Chatham Canadian Industries Ltd... Vaughan Twp.

Canadian Longyear, North Bay Canadian Morbark, North Bay Canadian Timken Ltd., St. Thomas Canadian Westinghouse, London C. Tech Ltd., Cornwall Cabot Carbon, Sarnia

Cadillac Lumber Products, Maple Calvert of Canada Ltd., Amherstburg

Campbell Soup Co. Ltd., Listowel Can Europ Mfg. Ltd., Toronto Catelli Five Roses, Weston Center Tool & Mold Co. Ltd.,

Toronto Central Steel Works Ltd., Peterborough

Champion Spark Plug, Windsor Charlescraft Corp. (Canada), Chatham Beans Ltd., Chatham Chemical Valley Fabricating, Penetanguishene Chubb-Mosler & Taylor Alarms Ltd., Toronto Clark Equipment (Canada), St. Thomas Clevite Canada Ltd., St. Thomas Coca Cola Ltd., London Cochrane Enterprises, Cochrane Coldmatic Refrigerator Co., Coleman Packing Co. Ltd., London Colic Machine & Tool Ltd., Woodstock Colonial Cookies, Kitchener Colonial Tool Co., Walkerville Columbian Carbon, Hamilton Communications Apparatus, Stratford Compo Records (Ont.), Cornwall Concrete Pipe Co., London Consolidated Bathurst Pkg. Ltd., Toronto Consolidated Bottle Co. Ltd., Toronto Consumer Glass Co. Ltd., Toronto Convexco Ltd., Pickering Conwirco Industries Ltd., Simcoe Cook Chocolate Co. Ltd., Campbellford Copeland Laboratories Ltd., Rexdale Corby Distilleries, Corbyville Cornwall Brass & Iron Foundries, Cornwall Coronet Graphics Ltd., Oakville Craft Master Corp., Strathroy R. L. Crain Ltd., Toronto Cromac Chemical Co. Ltd., Toronto Crone Geophysics, Toronto Crown Electrical Mfg., Brantford Crown Fab of Canada Ltd... Mississauga Cutler Machine, Burlington

Daly & Morin Ltd., Downsview Danor Mfg., Brockville Dashwood Industries Ltd., Centralia Daymond Co. Ltd., Chatham Delhi Metal Products Ltd., Delhi Deva Metal Products Ltd., Sudbury Digital Equipment of Canada, Carleton Place Dominion Bridge, Niagara Dominion Colour, Ajax Dominion Forge Co., Windsor Dominion Glass, Bramalea

Dominion Simplicity Patterns,
Toronto
Dominion Welding Engrg. Co.,
Maple
Bryan Donkin Co., Woodstock
Dorr-Oliver-Long Ltd., Orillia
Dow Chemical, Sarnia
Dryden Paper Co. Ltd., Dryden
Dubois Chemicals, Toronto
Dunline Ltd., Huron Park
Duplate of Canada, Oshawa
Du Pont of Canada, Whitby

Eaz-Lift Spring Corp., London
Economy Forms Corp., Georgetown
Eldorado Nuclear Ltd., Ottawa
Electrohome Ltd., Kitchener
Electromac Ltd., Windsor
Electronic Controls Ltd., Belleville
Elora Furniture Co., Elora
Emco Ltd., Brampton
Engineered Castings, Port Credit
Excelsior Brands, Toronto

Fairmont Railway Motors, Toronto Fenwick Automotive Products, Toronto Ferro Enamels (Canada) Ltd., Oakville Fiberglas Canada Ltd., Guelph Fiberglas Canada Ltd., Sarnia Fleet Manufacturing, Fort Erie Fleming Gray Ltd., Galt Foley Potteries Ltd., Southampton E. S. Fox Ltd., Welland

Gabriel of Canada, Toronto Galtex Ltd., Galt Gamma Foundries, Richmond Hill Garland Commercial Ranges Ltd., Toronto Gates Rubber Co., Brantford General Bakeries, Toronto General Motors of Canada, London Gibb Manufacturing, Toronto Gill's Beverages, Smiths Falls Glendale Mobile Homes Ltd., Strathrov Glidden Co., Bramalea Globe Mills Ltd., Meaford B. F. Goodrich, Kitchener Graham Manufacturing, Fort Erie Grand Valley Canners Ltd., Dunnville Graphic Controls Canada Ltd., Gananoque Graphic Litho-Plate Ltd., Toronto Gray Tool Co., Bramalea G. T. Green Hardware, Hazeldean

Green Giant, London Grimsby Custom Tooling, Stoney Creek

Hagersville Elevators, Hagersville Hallmark Memorial, Harrow Hanover Kitchens (Canada) Ltd., Hanover Harding Carpets, Brantford C. F. Haughton, Agincourt Hayes-Dana Ltd., Thorold Honeywell Controls, Bowmanville Honeywell Controls, London Hoover Ball & Bearing Ltd., Tillsonburg Horn Elevator, Pickering Hostess Food Products Ltd., Preston Howell Litho & Cartons Ltd., Burlington Harvey Hubbell, Pickering Hull-Thompson Ltd., Windsor Huyck Canada, Arnprior Hydromatic Machines Ltd., Downsview

I. D. I. Electric (Canada) Ltd., Ajax
I. T. L. Industries, Windsor
Industrial Gauge & Instrument Ltd.,
Niagara
Industrial Plastic Fabrication,
Toronto
Ingersoll Paper Box, Ingersoll
International Rectifier, Toronto
Interroyal Corp., Smiths Falls
Iroquois Chemicals Ltd., Cornwall
Iroquois Enterprises, Iroquois

Jacuzzi Canada Ltd., Toronto Jelinek Sports Ltd., Oakville Jensen Fittings, Toronto Jesperson-Kay Systems, Stouffville Johnson, Matthey & Mallory, Ltd., Woodstock

Kayson Plastics, Preston Keeprite Products, London Kelsey Hayes Canada, Woodstock Kenrod Welding, Brampton King Seagrave Ltd., Woodstock Kitchener Lumber, Kitchener Kitchener Waterloo Record, Kitchener Kiwi Polish, Hamilton Kleen-Stik Products Ltd., Toronto Knechtel Milling, Collingwood Kney, Gabriel & Co., London Kohl & Madden Printing Ink Co. of Canada Ltd., Rexdale Kroehler Mfg. Ltd., Stratford Kromet Handles, Galt

John Labatt Ltd., London F. Jos. Lamb Co. Ltd., Windsor Lanark Furniture, Toronto Laurie Et Fils, Russell Leigh Instruments Ltd., Ottawa Leigh Metal Products Ltd., London Lely Ltd., Burlington Levesque Plywood Ltd., Particle Board Div'n., Hearst Libby Manufacturing Co. Ltd., Windsor Libby McNeil & Libby, Wallaceburg Lido Industrial Products, Toronto London Free Press Printing, London London Metallizing & Machines, London Steel Industries, London J. Lyons & Co. (Canada) Ltd., Toronto

MacDonald & Son, North Bay C. E. MacPherson (1968), Kingston Major Pool Equipment Corp. Canada Ltd., Oshawa Mallory Battery Co. of Can. Ltd., Mississauga Manbert Packaging Products Ltd., Toronto Mannesman Tube Co. Ltd., Sault Ste. Marie Mansfield-Denman General, Barrie Marlyn Superior Products, Gravenhurst Martonair (Canada) Ltd., Mississauga Mattel Canada, Toronto McDermott Metal Products Ltd., Tottenham L. J. McGuiness & Co. Ltd., Toronto McInnis Equipment, Windsor McKee Bros. Ltd., Elmira The Mennen Co., Toronto Miller Bros. (1962) Ltd., Glen Miller Mimik Ltd., Galt Molson's Brewery, Toronto Montebello Metal Ltd., Hawkesbury Paul Mueller (Canada), St. Marys Muirhead Engineering Ltd., Agincourt Mulder (Canada) Ltd., Agincourt Multiply Plywoods Ltd., Nipigon Muskadeer Mfg., Huntsville

National Show Case Co. Ltd., Scarborough New Ontario Dynamics, New Liskeard New Surpass Petrochemicals, Toronto Niagara Artcraft Woodwork, Niag. Nightingale Industries Ltd., Toronto Northern Steel Products, Sault Ste. Marie Northern Tar, Chemical & Wood, Thunder Bay Northland Stone, North Bay Northland Trap Co., Blind River Norton Co., Chippawa

O-Pee-Chee, London Oakwood Industries, Toronto Oliver MacLeod Ltd., Gravenhurst Olympia Business Machines, Oon Mills

Ontario Paper, Thorold Ontario Plastics Ltd., Rockwood Ontario Steel Products, Chatham Ormsby Concrete Products Ltd., Meaford Ornamental Concrete Industries,

Niagara Ortho Pharmaceutical, Toronto

Park Avenue Wear, Elmira Park Davis & Co. Ltd., Brockville Parker Bros. Games Ltd., Downsview

5. Parleviet Ltd., Niagara athex (Canada) Ltd., Don Mills ayne Mfg. Co., Toronto earson Forest Products Ltd., ilenorchy

erron Enterprises, Cochrane hoto Engravers & Electrotypers, pronto

hotometric Specialties, Windsor iggett Printing Ltd., London irelli Cables (1958) Ltd., Guelph astomer Ltd., Barrie iotron Corp'n. of Canada Ltd., oney Creek

Dlychemical Industries Ltd., ort Credit

K. Porter Ltd., Woodstock ecision Valve (Canada) Ltd., Ajax estole Corp. of Can. Ltd., Rexdale eston Mfg. Ltd., Preston ofessional Bowling Ltd., chmond Hill

re Metal Tinning Co. Ltd.,
axdale

lality Plastics Ltd., Oakville linlan Crawford (1965) Ltd., illingwood

Ralston & Co. Ltd., Bramalea nger Metal Products, Guelph pistan Canada Ltd., Rexdale toliffe's of Canada, Richmond Hill

Reach Plastics & Chemicals Ltd., Cornwall Reflex Corporation, Amherstburg Reliable Laminating Ltd., Milliken Renold Canada, Brantford Reynolds Extrusion Co. Ltd., Richmond Hill Harry Rich Ltd., Toronto Richardson Bond & Wright, Owen Sound Richardson-Merrell (Canada), Weston Riverdale Frozen Foods Ltd., Willoughby Twp. Rolmaster Conveyors Ltd., Stratford Rothwell-Perrin Homes Ltd., Portland

S. F. Tubing Ltd., Simcoe St. Clair Chemical Ltd., Sarnia St. Lawrence Starch Co., Port Credit Schenectady Chemicals Canada Ltd., Scarborough G. C. Scherer Ltd., Windsor Scintrex Ltd., Concord Sealed Power Corp. of Canada, Stratford Shell Canada Ltd., Sarnia Shepherd Casters Canada Ltd., Silverwood Dairies Ltd., London Simmons Ltd., Bramalea A. G. Simpson Engineering Co. Ltd., Scarborough M. J. Smith (Chatham) Ltd., Chatham Smiths Falls Bottling Plant, Smiths Falls Snowden Roller Co. Ltd., Oshawa Southern Heating Supplies, Oshawa Spar Aerospace Products Ltd., Toronto Spinrite Yarns & Dyers Ltd., Listowel Spun Metals Ltd., Concord Square D Canada Ltd., Stratford Standard Induction Castings Ltd., Toronto Stange Canada Ltd., Mississauga Star Expansion Industries, Toronto The Steel Co. of Canada Ltd., Brantford Steep Rock Iron Mines Ltd., Atikokan Sterling Drug Ltd., Aurora Stevens-Hepner Co. Ltd., Port Elgin Strand Millwork Ltd., Dorchester Stratoflex of Canada, Toronto Strite Industries, Hespeler

Strong, Cobb, Arner, Fort Erie

Sudbury Steel Construction, Sudbury Superior Glove Works, Acton Supreme Aluminum Industries, Pickering Twp. Swift Canadian Co. Ltd., Hanover Swift Canadian Co. Ltd., Stratford Sylco Nail & Wire Ltd., Tillsonburg Syntron Ltd., Stoney Creek

T. R. C. Designs & Mfg. Co. Ltd., Ajax Tek Plastics Ltd., Mississauga Temprite Industries Ltd., Orangeville Texpack Ltd., Brantford Thermotex Windows of Canada, Weston Thonet Industries Ltd., Elora Tilco Plastics Ltd., Peterborough Trench Electric Ltd., Scarborough Trend Millwork & Cabinets Ltd., Windsor Trilake Timber Co. Ltd., Kenora Truco Canada, North Bay W. S. Tyler, St. Catharines Tube Turns of Canada Ltd., Ridgetown

Union Carbide Canada Ltd., Orangeville Union Carbide Canada Ltd., Welland Universal Seal, Bancroft

V. C. A. Manufacturing of Canada Ltd., Richmond Hill Vulcan Electric Ltd., Pickering

Wallaceburg Brass Ltd. & Subs., Wallaceburg P. J. Wallbank, Plattsville Waldec of Canada Ltd., Rexdale Warner Jackson Ltd., Pickering Webster Manufacturing, London Weldwood of Canada, Huntsville Weller Electric Canada Ltd., Kingston Wesco Construction, Niagara Western Foundry Co. Ltd., Wingham Weyerhauser Canada Ltd., Sault Ste. Marie Williams Gold Refining Co. of Canada Ltd., Fort Erie Wilson Publications, Dryden Wind Turbine, Elmira Windsor Chrome Plating Co. Ltd., Windsor Winchester Western (Canada) Ltd., Cobourg Windsor Machine & Stamping, Windsor Windsor Packing Co., Windsor Harvey Woods, Woodstock

INDUSTRIAL DEVELOPMENT TECHNOLOGY MISSIONS 1970

Representatives from 127 Ontario companies took part in 12 Missions in Great Britain, Europe and United States to study technological developments.



March 22

Listowel

Waterloo

Kitchener

Napanee

Chesley

Waterloo

Hespeler

Hanover

Durham

Hanover

Weston

Toronto

Kitchener

Rexdale

Collingwood

Georgetown

New Hamburg

HIGH POINT, NORTH CAROLINA The Andrew Malcolm Furniture Co. Ltd. Canada Cabinets and Furniture Ltd. Deltacrafts Manufacturing Ltd. **Electrohome Limited** Flexsteel Industries (Can.) Ltd. The Gibbard Furniture Shops Ltd. Heirloom of Canada Ltd. Hentschel's Furniture Ltd. Hespeler Furniture Company Ltd. Kaufman Furniture Ltd. Knechtel Furniture Ltd. Kroehler Mfg. Co. Limited Peppler Division - Sklar Furniture Ltd. Reff Products Limited Titan Wood Products Ltd.

MARCH 17 COVENTRY, ENGLAND Milton Canadian Meter Co. Ltd. Meaford Barber Turbine and Foundries Ltd. Ajax Dowty Equipment of Canada Ltd. Holman Bros. Div. of Compaire (Canada) Ltd. Kitchener Port Credit Danfoss Manufacturing Co. Ltd. Rexdale Numatics-Canada Air Controls Ltd. Pneumatic Industrial Equipment Scarborough Company Ltd. Ottawa Presentey Engineering Products Ltd.

Space Circuits Ltd.

LOS ANGELES, CALIFORNIA
Albion Mould and Machine Company
Bata Industries Limited Engineering Division
Brantford Precision Limited
Canadian Westinghouse Company Limited
Hartford Tooling Limited
Nickleson Tool and Die Company Limited
Rankin-Strite Limited
Reil Industrial Enterprises Limited
Renfrew Aircraft and Engineering Co. Ltd.
Stephens Adamson Mfg. Co. of Canada
Limited
Spar Aerospace Products Ltd.

NEW YORK CITY, NEW YORK
Conway Electronic Enterprises Ltd.
Desitron Company Limited
Lightning Circuits-Lightning Div. of
Textron (Canada) Ltd.
Magna Electronics Corporation Ltd.
Neosid (Canada) Limited
Sangamo Company Limited
Sparton of Canada Limited
Stegg Electric Limited
Tenatronics Limited
Valeriote Electronics (Guelph) Ltd.
Thermo Electric (Canada) Ltd.

Waterlo

MARCH
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Windsc
Hespelc
Westo

Bellevil Toron

MARCH

West

Renfre

Scarborous
Niagara-on-the-Las
Scarborous
Islingts
Toron
Lond
Belfeva
Newman

Bramp !

Uniroyal Ltd.

Wainbee Ltd.



OS ANGELES, CALIFORNIA	APRIL 27
anadian Radio Control Electronics Ltd. arringer Research Ltd. anadian General Electric Company Limited omputing Devices of Canada Ltd.	Thornhill
erritronics Ltd. ischer and Porter (Canada) Ltd. luntec, Division of Kenting Exploration ervices Ltd.	Toronto Downsview
uindar Products Ltd. aylor Instrument Companies of Canada Ltd.	Toronto Toronto Toronto
ONDON, ENGLAND owertronic Equipment Ltd. inclair Radio Laboratories Limited	MAY 11 carborough

ONDON, ENGLAND	MAY 11
owertronic Equipment Ltd.	Scarborough
inclair Radio Laboratories Limited	Maple
ach-Simpson Limited	London
anadian Research Institute	Toronto
S E Limited	Rexdale
P E Pioneer Electric Ltd.	Scarborough
illtronics Limited	Peterborough
M.C. (Canada) Ltd.	Ottawa
ndrew Antenna Co. Ltd.	Whitby
aytheon Canada Ltd.	Waterloo
/ntron (Canada) Ltd.	Stoney Creek
LOUIS MISSOURI	11101E 4.4

r. Louis, Missouri	JUNE 14
le Borden Chemical Company	00112 14
anada) Ltd.	West Hill
part Engineering Ltd.	Toronto
ecisioneering Ltd.	Scarborough
omson Heat Transfer Ltd.	Don Mills
hutte and Koerting Co. (Canada) Ltd.	Kitchener
msley Engineering Ltd. in-Eng Manufacturing Ltd.	Toronto
ildline Instruments Ltd.	Niagara Falls
mes Howden and Parson	Smith Falls
Canada Ltd.	Carolinana
G. Acres and Co. Ltd.	Scarborough
w Chemical of Canada I td	Niagara Falls

Sarnia Toronto

G. Acres and Co. Ltd. w Chemical of Canada Ltd. search Cottrell (Canada) Ltd.

FRANKFURT, GERMANY Kert Manufacturing Co. Ltd. Consumers Glass Co. Ltd. The Borden Chemical Co. (Canada) Ltd. Bate Chemical Ltd. Surpass Chemicals Ltd. Wix Corp. Ltd. Dominion Welding Engineering Co. Ltd. Toronto Coppersmithing Co. Ltd. Milltronics Ltd. Canadian Shipbuilding and	JUNE 17 Weston Toronto Toronto Toronto Toronto Maple Toronto Peterborough
Engineering Ltd. Coulter Copper and Brass Ltd. Himsley Engineering Ltd.	Collingwood Toronto Toronto

SAN FRANCISCO, CALIFORNIA	JULY 21
Armstrong-Lang Labs. Ltd.	Toronto
Boehmer Box Co.	Kitchener
Canam Mfg. and Packaging Ltd.	Brantford
Chempac Limited	Toronto
Connecticut Chemicals Ltd.	Toronto
Mead Johnson Canada Ltd.	Belleville
Monica Garments Co. Ltd.	Toronto
Nor Baker Ltd.	Toronto
Oxford Paper Boxes Ltd.	Toronto
Polyco Packaging Co.	Toronto
Precision Packaging Co. Ltd.	Toronto
Thomas J. Lipton Ltd.	Bramalea

HANNOVER, GERMANY AND	
BIRMINGHAM, ENGLAND	SEPTEMBER 6
Douglas Aircraft Co. of Canada Ltd.	Malton
Penn Machine and Mfg. Co. Ltd.	Agincourt
True Forge Ltd.	Preston
Computed Ltd.	Clarkson
New Era Tool and Die Ltd.	Weston
Haessler and De Way Ltd.	Brampton
V. R. Wesson Limited	Malton
Nickleson Tool and Die Company Ltd.	Windsor

SPAIN, ITALY, FRANCE AND HOLLAND	OCTOBER 22
Cosmos Imperial Mills Ltd.	Hamilton
The Dobbie Industries Ltd.	Galt
Dominion Woollens and Worsted	Hespeler
Huyck Canada Ltd.	Arnprior
Kayser-Roth of Canada Ltd.	London
Warren K. Cooke Ltd.	Toronto
Waterloo Textiles Ltd.	Hespeler
Cooliee Woollen Mills Ltd.	Appleton
Dylex Diversified Ltd.	Toronto
Harvey Woods Ltd.	Woodstock

MUNICH, GERMANY	OCTOBER 30
Space Circuits Ltd.	Waterloo
Sprague Electric of Canada Ltd.	Toronto
Thermo-Electric (Canada) Ltd.	Brampton
General Instrument of Canada Ltd.	Waterloo
Sangamo Company Ltd.	Toronto

Bramalea

PRODUCT PROSPECTING MISSIONS



P. Stevens

The following companies participated in licensing missions abroad during 1970:

Product Prospecting Mission #5

MILAN AND HANOVER

C. A. McGillivray
General Sales Manager
Bauers Limited
P.O. Box 430
Waterloo
M. Baylin
General Manager
Ottawa Iron Works
256 McArthur Road
Eastview, Ottawa
W. Hellwig
President
Rig Fab Steel Limited
46 Mount Hope Street

President
Tonka Corporation Canada Limited
7630 Airport Road
Malton
J. E. McFarlane
Vice-President
McFarlane Gendron Mfg. Co. Ltd.
Sydney Street
Belleville
A. R. Derderian
Managing Director
McGraw Edison of Canada Limited
3595 St. Clair Avenue E.
Scarborough

C. Kneipp Vice-President Industrial Process Equipme Company Limited 375 Wilton Drive Bolton

S. Rusnyk Vice-President Johns Frame Shop Limited 6 Noble Street Toronto

Product Prospecting Mission #6

LONDON, PARIS, BRUSSELS AND AMSTERDAM

D. P. Grenfell President Davis Controls Ltd. 4251 Dundas St. W. Toronto

Lindsay

T. Manastersky Product Sales Development Kelton Corp. Ltd. & Subsidiaries 326 Davenport Road Toronto

R, G. Muller President Korzite Industries Ltd. 157 Surrey St. E. Guelph H. C. Scott Vice-President & Gen, Manager Wm. Roberts Electric Ltd. 85 Edwin St. Kitchener

R. S. Willmot President Pensteel Products Ltd. 183 Merritt St. St. Catharines

D. H. Dewey President Canadian Seating Co. Ltd. 18 Canmotor Avenue Toronto R. Whiteside Vice-President Ranger Safety Products Ltd Ireland Road Simcoe D. L. Kimpel President K-Vet Limited Hespeler A. A. Medad General Manager Glenn S. Woolley & Co. Lt 228 Fairall St. Ajax N. W. Clayton President N. W. Clayton Co. Ltd. 194 Speedvale Ave. W. Guelph

PRODUCT DEVELOPMENT CLINICS 1970

During the year 17 Product Development Clinics were conducted throughout the province to help companies with

their technology, manufacturing and marketing plans and problems.



BARRIE	JANUARY 27
Salada Foods Ltd.	Alliston
Toledo Commutator of Canada Ltd.	Barrie
Canadian General Electric Company Ltd.	Barrie
Hardy-Glenwood Products	Barrie
De Vilbiss (Canada) Ltd.	Barrie
Borden Metal Products (Canada) Ltd.	Beeton
Tekmet Ltd.	Beeton
Phillips Planning & Engineering Ltd.	Burlington
Pineroot Lamps and Accessories	Harrisburg
Canadian Shipbuilding & Engineering Ltd. Dliver-MacLeod Ltd.	Collingwood
Veber Manufacturing Ltd.,	Gravenhurst
Liu,	

Weber Tool & Mold Div. Midland Sunnidale Automotive Mfg. Ltd. New Lowell he Northern Paint and Varnish Co. Ltd. Owen Sound Keenan Industries Limited Owen Sound Shakespeare Company (Canada) Ltd. Orillia ahralloy-Wisconsin Ltd. Orillia iltro Electric Ltd. Orangeville dvanced Extrusions Limited Penetang AcCaul Knitting Mills Shelburne lubberset Company (Canada) Ltd. Gravenhurst

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IAGARA FALLS	JANUARY 13
lagara Rug Company Ltd. lagara Protective Coatings axter Manufacturing -1 Steel Works levite Canada Ltd. (Burgess Division) enown Printing Co. Ltd. neida Canada Ltd. anadian Carborundum Company Ltd. asembly Electronics	Niagara Falls Niagara Falls Niagara Falls Niagara Falls Niagara Falls Niagara Falls Niagara Falls Niagara Falls
	Niagara Falls ara-on-the-Lake
uo-Temp (Niagara) Ltd. oberts-Gordon Appliance Corp. Ltd. asic Hydraulics & Industrial Equipment egina Products Canada Ltd. anadian Gasket Co. Ltd.	Grimsby Grimsby Ltd. Welland Welland
Ould National D.	Fort Erie

Fort Erie

Fort Erie

ould-National Batteries of Canada

eet Manufacturing Ltd.

Moyer Diebel Metalcrafts Ltd. Hayes-Dana Ltd. Canada Hair Cloth Co. Ltd. Domtar Fine Papers Ltd. Anthes Eastern Ltd. Foster Wheeler Ltd. Tradewood Industries Ltd. Columbus McKinnon Ltd. Lightning Fasteners—Lightning Division	Jordon Station Thorold St. Catharines
of Textron Canada Ltd.	St. Catharines

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OHATHAM	FEBRUARY 1
Kyle Auto Supply International Harvester Co. of Can. Ltd.	Blenhein
Parkinson Cowan (Canada) Ltd	Chathan Chathan
Dover Corporation (Canada) Limited Industrial Division	
J. L. Johns Enterprises	Chatham Chatham
Cherry Taylor Flour Mills Ltd.	Chatham
Cady Machine and Fabrication Co. Harold's Heating (Chatham) Ltd.	Chatham
Southern Concrete Products Ltd.	Chatham Chatham
Sass Manufacturing Limited	Chatham
Ontario Plant Foods Limited Smyth Memorial Company Limited	Chatham
Mueller Limited	Chatham Sarnia
Spiers Brothers Limited	Sarnia
Pfizer Insulations Ltd. Holmes Insulations Ltd.	Sarnia
Toolrite Engineering	Sarnia Sarnia
Hunt-Wesson Foods of Canada Ltd.	Tilbury
Five Star Tool and Die Ltd. Tanks, Vessels and Pipe Ltd.	Wallaceburg
St. Clair Tool and Die Ltd.	Wallaceburg Wallaceburg
H. E. Vannatter Limited	Wallaceburg
Wallaceburg Brass Limited Wallaceburg Bookbinding and Mfg.	Wallaceburg
Co. Ltd.	Wallaceburg

KITCHENER ECODIIADY 04

KITOTIETAEN	FEBRUARY 24
Duncan K. L. and Assoc. Ltd.	Brampton
Uniroyal Ltd. — Chemical Division	Elmira
General Steel Wares Ltd. — Beatty Divisi	on Fergus
Allen-Bradley Canada Ltd.	Galt
Babcock & Wilcox Canada Ltd.	Galt
Galt Brass Company Limited	Galt
Joy Manufacturing Co. (Canada) Ltd.	Galt
Allis-Chalmers, Rumely Ltd.	Guelph
Armco Canada Limited	Guelph
Clayton N.W. Co. Limited	Guelph
Hammond Manufacturing Co. Ltd.	Guelph
Ranger Metal Products Ltd.	Guelph
Canadian Canners Limited	Hamilton
Burton Industrial Electronics Services Ltd	l. Kitchener
Canada Valve Limited	
Electrohome Limited	Kitchener
General Spring Products Ltd.	Kitchener
	Kitchener
Golden Triangle Windows Ltd.	Kitchener
Kaufman Footwear Ltd.	Kitchener
Lau Products Limited	Kitchener
Kevco Industrials Limited	Kitchener
Uniroyal Limited	Kitchener
Clare Brothers Ltd.	Preston
Fluid Power Limited	Rexdale
Audio Transformer Co. Ltd.	Waterloo

Canada Cabinets and Furniture Ltd. Geo. Cluthe Manufacturing Co. Ltd. Flectronic Craftsmen Fawcett Metal Products Ltd. Johnston Soper Limited Space Circuits Limited The Waterloo Manufacturing Co. Limited

Waterloo

Waterloo

Waterloo

Waterloo

Waterloo

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Waterloo

WOODSTOCK The Brantford Cordage Company Canam Manufacturing and Packaging Ltd. **Custom Fabricators Company** Decorative Display Advertising Ltd. Dundas Foundry Co. Ltd. George Weston Limited Hamilton Porcelains Limited Harding Carpets Limited Hussman Food Store Equipment Ltd. Maxtower Company Raymond Industrial Equipment Ltd. J. D. Reed Machine Ltd. Sternson Limited, Division of G. F. Sterne & Sons Ltd. Watson Mfg. Co. Ltd. **Dellers Tile Limited** Embro Welding and Steel Fabricators Ltd. Bell-Camp Corporation Limited Powell Agri-Systems Limited Norwich Pharmacal Co. Limited Penmans Limited Canners Machinery Limited Richmond Quality Cabinets Balthes Farm Equipment Manufacturing Eber-East Products Limited Jackson Mfg. and Machine Co. Livingston Industries Limited Pollutech Pollution Advisory Services Ltd. H & M Metal Finishing Limited Holland Hitch of Canada Limited Jaro Manufacturing Co. Ltd. King Metal Products Limited King Seagrave Limited Oxwood Industries Limited Travelaire Trailer Mfg. Ltd.

Woodstock

OAKVILLE

Truck Engineering Limited

Weldwood of Canada Limited -

Central Manufacturing Division

Churchill Associates S. C. Johnson and Son Ltd. Alchem Limited Butler Mfg. Co. (Canada) Ltd. Canadian Canners Limited Engineered Timber Products Ltd. Kiwi Polish Co. (Can.) Ltd. Phillips Planning and Engineering Ltd. R-A-N Products Limited Standard Refractories Ltd. Dahl Brothers (Canada) Ltd. Demag Material Handling Limited Diversey (Canada) Limited Gulf Oil Canada Limited Pyle-National (Canada) Ltd. Remington Rand, Division of Sperry Rand Canada Limited Southdown Engineering Company St. Lawrence Cement Co.

MARCH 10

Brantford Brantford

Brantford Brantford Brownsville Embro Ingersoll Otterville Paris Paris Simcoe

Simcoe

Tillsonburg Tillsonburg Tillsonburg Tillsonburg Toronto Woodstock Woodstock Woodstock Woodstock Woodstock Woodstock Woodstock Woodstock

MARCH 24

Brantford Brantford Burlington Burlington Burlington Burlington Burlington Burlington Burlington Burlington Clarkson Clarkson Clarkson Clarkson Clarkson

Clarkson Clarkson Clarkson Universal Drum Reconditioning Co. W. R. D. Manufacturing Ltd. Kyoda Plastics Limited Martonair (Canada) Limited Domtar Construction Materials Ltd. Canadian Westinghouse Co., Limited P. L. Robertson Manufacturing Co., Limited Phoenix Manufacturing Company Canadian Metal Rolling Mills Limited Fielding Chemicals Limited Rubbermaid (Canada) Ltd. Uddeholme Steel Limited Abrex Specialty Coatings Limited Canadian Engineering and Tool Co. Limited **Decalock Limited** Ferro Enamels (Canada) Limited Grea Lung Products Limited LeBlanc & Royle Communications Towers Limited Long Manufacturing Division Borg Warner (Canada) Limited Monsanto Canada Limited Pollutech Pollution Advisory Services Ltd. Railoc Company Inc. Repla Limited Schlegel Co. Canada Limited Alexander Hamilton Institute Nordic Steel Products Limited

HAMILTON

Wiresmith Limited

Genaire (1961) Limited

Tel-Rad Supplies Limited

Natco Building Products Ltd.

Canada Wire and Cable Co. Limited

I.T.E. Circuit Breaker (Canada) Limited

Canadian General Electric Company Limited

BLH - Bertram Ltd. EI-Met Parts Ltd. The Valley City Manufacturing Company Limited Aerovox Canada Ltd. The Allan Candy Company Limited Beach Awning Company Canadian Canners Limited Canadian Porcelain Company Limited Canadian Westinghouse Company Limited Flaherty Manufacturing Company Limited Hamilton Baking Co. Ltd. The Hoover Company Limited M & T Products of Canada Limited Mills Steel Products Limited S. G. Paikin & Co. Limited Phil Aggus & Sons Ltd. Prentice Chemical Company The Proctor & Gamble Co. of Canada Ltd. Robert Soper Limited Taylor Steel Ltd. Vernon Directories Limited The Wallace Barnes Co. Ltd. X-Pert Metal Finishing Ltd. American Hospital Supply Co. (Canada) Abicon Ltd. Asbestotemp Builders Supply Ltd. Canadian Curtis Refrigeration Limited Condor Tool and Machine Co. Cox Systems Limited

Grimsby Custom Tooling and Pattern

Engineering

Mississauga Mississauga Mississauga Mississauga Oakville Port Credi Port Credi St. Catharine: St. Catharine

Clarkson

Clarkson

Cooksville

Cooksville

Hamilton

Milton

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H. H. Robertson Company Limited (I.R.D. Mechanalysis Division) Syntron (Canada) Limited Canron Ltd. Molson Industries Limited Nicholson & Stetler Ltd. E. D. Smith & Sons Limited GSW Limited

OSHAWA

Hankscraft (Canada) Limited Excel Metalcraft Ltd. Granny's Butter Tarts Sterling Drug Ltd. Scintrex Limited Metro Hoisting and Erecting Ltd. Downsview Bert Pyke Limited Coulter Manufacturing Limited Houdaille Oshawa Ltd. The Pedlar People Limited Danfoss Mfg. Co. Ltd. Port Credit Airflow Developments (Canada) Ltd. Richmond Hill Joscelyn Laughlin, Harper Tory and Associates Richmond Hill Stouffville Bakery Ltd. S. A. Armstrong Limited

Lofthouse Brass Manufacturing Limited Lofthouse Patterns Ltd. Pal-O-Pak Manufacturing Co. Ltd.

Lake Ontario Steel Company Limited

Stanfard J. S. and Associates

ONDON Engineered Timber Products Sherlock-Manning Piano Co. Limited The Dominion Road Machinery Co. Limited Sheaffer Pen Company Canada Bread Company Limited agle Machine Company Limited aton Automotive Canada Limited mco Limited **IT Lighting Fixture Division** ohn Labatt Limited London eeprite Products Limited London awson & Jones Limited

ucas Concrete Products Limited linnesota Mining and Manufacturing f Canada Limited o-Sag Spring Company Limited ichards-Wilcox of Canada Limited . E. Saunders Limited parton of Canada Limited ank-Craft Limited . J. Thorn Limited niversal Engineering and Tool Works ebster Mfg. (London) Limited ebster Air Equipment Limited right Lithographing Company Limited ark Equipment of Canada Limited St. Thomas evite Canada Limited

N. G. Auto Parts Limited ayton Mark (Canada) Ltd. orrugated Pipe Co. Ltd. nes Manufacturing Company Limited oehler Mfg. Co. Limited J. Wright Central Ltd. nadian General Electric Company Limited

ord Motor Company of Canada Limited

drock Company Limited estern Foundry Company Limited

Stoney Creek Stoney Creek Toronto Toronto Waterdown Winona Hamilton MAY 5

Ajax Aurora Aurora Aurora Concord Oshawa Oshawa Oshawa Oshawa

Stouffville Toronto Toronto Whitby Whitby Oshawa Whitby

MAY 20

Burlington Clinton Goderich Goderich London London London London London London London

> London London

St. Thomas St. Thomas St. Thomas Stratford Stratford Stratford

Stratford Strathrov Toronto Watford Wingham

OTTAWA

Boeing of Canada Ltd. Calcultron Machine Tool Makers Ltd. Huyck Canada Limited Trek Luggage of Canada Ltd. Union Carbide of Canada Limited I. P. Sharpe Co. Ltd. I. E. Welk Lumber Mfg. **Dominion Magnesium Limited** Alexander Metal Products Limited

American Can of Canada Ltd. Atomic Energy of Canada Limited Beach Foundry Limited Consumers' Gas Co. Du-Chem Paint Co. Ltd. Gatemont Ltd. (Decor Carpet & Upholstering) Kaufert's Machine and Tool Co. Ltd.

Morrison Lamothe Bakery Limited Nesbitt Engineering Limited Ottawa Brass Limited Coin Verifiers Co. Ltd. Space Optic Limited Sperry Gyroscope Ottawa Ltd.

Robert Tape Limited Trudel and McAdam Limited Unit Precast Specialties Ltd. The Waltham Press Limited Abitibi Containers Ltd.

Eddy Match Company Limited (Steel Equipment Division) Magline of Canada Limited Renfrew Aircraft and Engineering Company

Dufresne, McLagan, Daignault Inc.

NORTH BAY

Thompson-Heyland Limited Staniforth Lumber & Veneer Limited Scott Plastics

JUNE 9

Arnprior Arnprior Arnprior Arnprior Arnprior Carleton Place Eganville

Haley Station Ottawa Ottawa Ottawa

Ottawa Ottawa Ottawa Ottawa

Ottawa Ottawa Ottawa Ottawa

Ottawa Ottawa Ottawa Ottawa

Ottawa Ottawa Ottawa Pembroke

Pembroke Renfrew

Renfrew Toronto

AUGUST 31

Burk's Falls Kiosk New Liskeard

Inspiration Limited Hard Metals (Canada) Ltd. E. S. Hubbell & Sons Limited William Milne & Sons Limited Reichhold Chemicals (Canada) Limited Canadian Longyear Limited Reatty Printing Limited N	North Bay Torth Bay North Bay Toronto
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SEPTEMBER 3 TIMMINS Chapleau Chapleau Dressing Mills Ltd. Cochrane Cochrane Enterprises Limited Kirkland Lake Heath & Sherwood (1964) Limited Kirkland Lake Heathwood Engineering Associates Ltd. Kirkland Lake Star Beverages Limited Kapuskasing Spruce Falls Power & Paper Co. Ltd. Schumacher Master Carpets Ltd. South Porcupine Dome Mines Ltd. **Timmins** Malette Lumber 1969 Limited Timmins Star Transfer Limited Timmins Roy Construction & Supply Co. Ltd. Timmins Stationery & Office Supply Ltd. **Timmins** Timmins Texas Gulf Sulphur Company Timmins Federal Equipment

Vulcan Machinery and Equipment Ltd.

Don's Welding & Fabrication Limited

SEPTEMBER 14 SAULT STE. MARIE Blind River Northland Industries Ltd. Dubreuilville **Dubreuil Brothers Limited** Sault Ste. Marie B. L. Armstrong Ltd. Sault Ste. Marie Algoma Central Railway Sault Ste. Marie Ecko Manufacturing Limited Sault Ste. Marie Holder's Marina Sault Ste. Marie Crema Cabinets Co. Ltd. Northern Ontario Natural Gas Sault Ste. Marie Company Limited Sault Ste. Marie Weyer Haeuser Canada Limited Sault Ste. Marie Frank's Bakery S. D. Adams Welded Products Limited Sault Ste. Marie Sault Ste. Marie Paul's Bakery Sault Ste. Marie

Algoma Steel Corporation Limited THUNDER BAY Alex Jaman Timber Company American Can of Canada Limited Marathon Nipigon Multiply Plywoods Ltd. Hawker Siddeley Canada Ltd. Thunder Bay (Canadian Car Fort William Division) Great Lakes Steel Products Limited Plastic Services and Marine Supply Northern Wood Preservers Limited Shaw Baking Co. Ltd. Twin City Bottling Company Unitized Manufacturing Ltd. A. E. Jacobson Lumber Co. Ltd. Great West Timber Limited

KENORA

Hoey and McMillan Ltd. Alex Wilson Publications

Anderson Block and Tile Ltd.

Precision Wood Components Ltd.

Tincon Developers Ltd.

SEPTEMBER 21 Atikokan

Timmins

Timmins

Thunder Bay Thunder Bay

SEPTEMBER 24

Dryden Dryden

Dryden Paper Company Limited Woodale Lumber Products Ltd. Vacationland Dairy Co-Operative Ltd. Bay Beverages Ltd. Devlin Timber Co. Mac Morrison Peterson Lumber Co. Ltd. AMIK Association . Whitefish Bay Corporation Kenora Machine and Service TransCan Custom Homes Ltd. Arctic Enterprises Inc.

PETERBOROUGH

C. Keeble for Sails **Bewdley Concrete Products** General Foods Ltd. Bird-Archer Co. Limited Rosedale Furniture Co. Marten Manufacturing Limited Ready Wood-Products Ltd. Lincraft Limited Indusmin Ltd. Canadian General Electric Company Limited General Time of Canada Limited Fisher Gauge Ltd. Central Steel Works (Peterborough) Ltd. Cosmos Chemlac Limited Esco Limited Davidson Rubber Inc. Trench Electric Limited Honeywell Controls Limited Steelcase Canada Ltd. Warkworth Lumber Co. Ltd.

Dryden Kenora Rainy River

OCTOBER 27 Belleville

> Bewdley Cobourg Fenelon Falls Havelock Lindsay Lindsay Nephton

Peterborough

Peterborough Peterborough Peterborough Port Hope Port Hope Port Hope Toronto Toronto Toronto Warkworth

NOVEMBER 17

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WINDSOR Amherstburg

SKD Manufacturing Co. Ltd. F. Gurbin Engineering & Manufacturing Glam Machine and Tool Work R. J. Cyr Company Ltd. The Canadian Salt Company Limited Viscount Cutter Service Ltd. Automatic Parking Devices (Canada) Ltd. Green Giant of Canada Ltd. Fabricated Steel Products (Windsor) Ltd. Centerline (Windsor) Ltd. Tamco Limited Cope Tool Design Co. Ltd. Frank Hahn Engineering Services Dresser Electric Limited A. C. McCrindle Limited Dace Industries Limited Royalmation Tool Systems Ltd. Boren Industries Ltd. Lowry Textile Company Sapoline Company Limited Valco Manufacturing Ltd. Valiant Machine and Tool Co. Limited Kardam Mfg. Ltd. MacDonald & White Varnish & Paint Company Limited Canadian Motor Lamp Company Ltd. Suburban Awning Installation Duncan D. M. Machinery Co. Ltd. Hartford Tooling Limited Edgewind Sales and Mfg. Steril Products Kern's Foundry

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Chone 01-930-6404

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Martinsen

MINNEAPOLIS/ST. PAUL
Trade and Industry Counsellor:
R. Groves Chamber of Commerce Building 15 South Fifth Street, Room 1256 Minneapolis, Minn. 55402 Phone (612) 339-1800

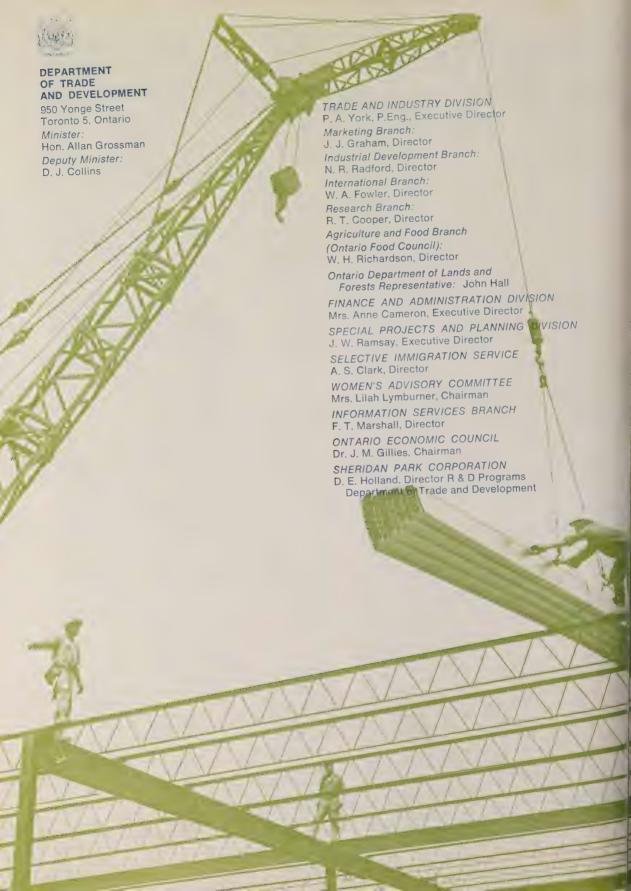
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Trade and Industry Counsellor: J. M. Lappin Room 923 Fidelity Building 1940 East 6th Street Cleveland, Ohio 44114 Phone (216) 861-7690

Trade and Industry Counsellor: G. L. Milford Gigergasse 1 Vienna 1030, Austria Phone 735-782 Cable "Ontarivien"

BRUSS.
Trade and Indus.
Paul Samson
8 Avenue de l'Oree
Brussels 1050, Belgium
Phone 48-34-50
Cable "Ontaribruss" Trade and Industry Counsellor:

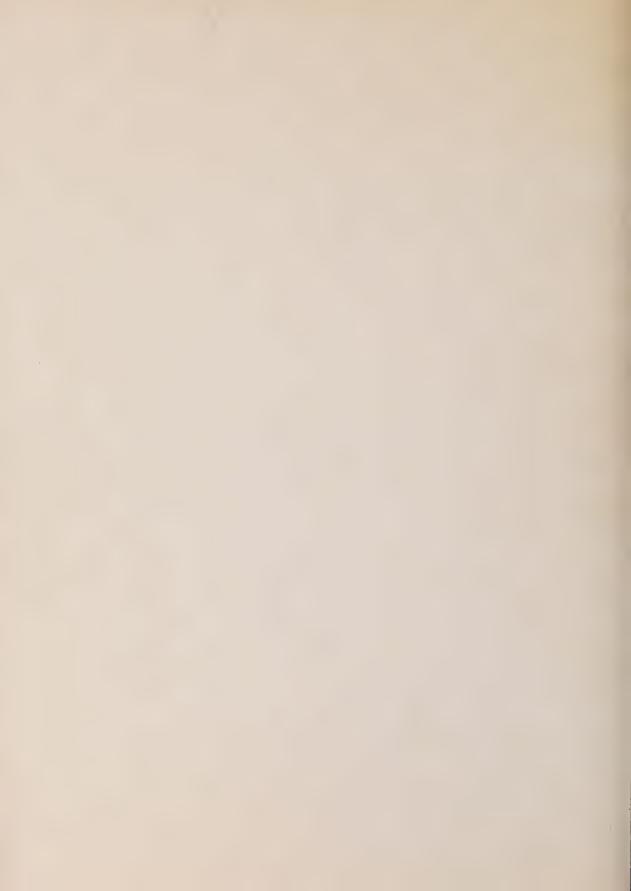
Shiba Minato-Ku, Tokyo, Japan Phone 436-4355 Cable "Ontaritok"



















ontario industrial review

canada's province of opportunity



MINISTRY OF INDUSTRY AND TOURISM

Hearst Block, Queen's Park 900 Bay Street Toronto 182, Ontario

Minister: Hon. John White

Deputy Minister: D. J. Collins

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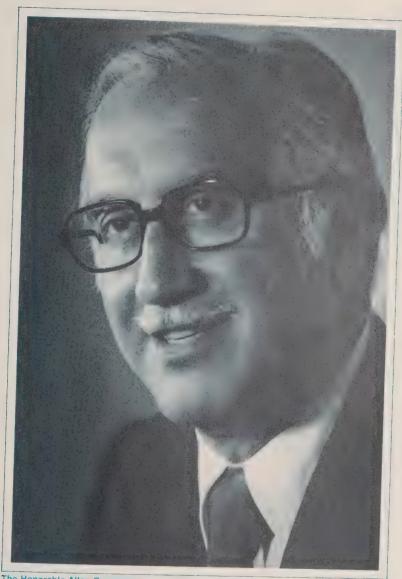
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The Ontario Industrial Review is produced by the Information Services Branch, Ministry of Industry and Tourism, and printed in Ontario, Canada.

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a new ministry

As recommended
by the Committee on
Government Productivity, the
former Departments of Trade and
Development and Tourism and Information have
joined to become the Ministry of Industry and Tourism.
The new ministry formally came into existence
in April, 1972. The 1971 annual report
of the Department of Tourism
and Information is available
as a separate publication.



The Honorable Allan Grossman
Minister, Department of Trade and Development
March 1, 1971 — February 1, 1972

1971 industry & tourism going like the seventies

Ontario's new Ministry of Industry and Tourism (see page 2) will diversify, increase, and innovate our trade, industry, and tourism programs. Our aim: more employment, higher productivity, and new capital investment.

For example: we'll add trade and industrial development services to our existing network of tourism offices in Ontario; and we'll promote tourism in our enlarged chain of trade offices around the world. Our head office will provide research, planning, co-ordinating, and support services.

This edition of the *Ontario Industrial Review* summarizes some of the ways the provincial government, industry, and labor worked together in 1971 to stimulate production, growth, and jobs. We can be proud of our past achievements. But we can't be complacent.

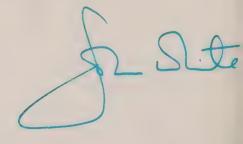
That's why our new ministry will be going like the Seventies — to react quickly to changing trade and tourism patterns at home and abroad.

With industry's continuing co-operation, we'll enlist more Ontario manufacturers in our province's export activities; we'll broaden the range of our export products; and we'll diversify our markets. We'll make special efforts to capture our trade share in the enlarged European Common Market, in the Pacific Area, in Africa, and in Latin America.

In tourism, too, we'll concentrate on diversification. While enhancing our appeal to Ontarians and Canadians, we'll increasingly try to lure more Americans and overseas visitors. (Tourism already ranks as one of Ontario's largest sources of foreign dollars and accounts for a significant share of our Gross Provincial Product.)

Tourism provides many jobs. And through the tax revenues they generate, tourist dollars help pay the cost of services that keep our living standards and life quality among the world's highest.

Because tourism's growth potential is as great as that of any major Ontario industry, because Ontario industry can compete around the world, and because Ontario boasts excellent natural and human potential, the next nine years will see us going like the Seventies.





The Honorable John White Minister, Ministry of Industry and Tourism Appointed February 2, 1972



economy71

For Ontario 1971 was a year of gradual recovery from the economic slump of 1970. Although the economy's 1971 performance was not spectacular, it showed encouraging strength in difficult circumstances.

In the last half of the year conditions for economic growth were especially difficult because of the U.S. import surcharge and the uncertainties surrounding the international monetary crisis. Yet the Canadian economy strengthened in the last part of the year with impressive levels of consumer spending, substantial gains in corporate profits, and continued growth in exports.

Two important areas where major improvement was not felt were unemployment and private capital investment. Ontario's unemployment rate averaged 5.2 per cent over 1971, compared to the Canadian average of 6.4 per cent. Lagging business investment in new machinery and equipment was also a serious problem throughout the year.

In spite of this in 1971 gross provincial product grew by 5.3 per cent in real terms, led by consumer spending, government expenditure, housing, and buildup of business inventories in the last half of the year. In nominal terms GPP grew by about 9 per cent to \$38.1 billion. Although Ontario's real growth was slightly less than the national real growth rate

of about 5.4 per cent, it represented a significant improvement over 1970's performance.

Income tax cuts and other expansionary measures were announced in the fall by both the federal and provincial governments. In conjunction with the repeal of the U.S. import surcharge and the relatively favorable settlement of the international monetary crisis (from Canada's point of view), these measures were intended to bolster business confidence in the economy and provide a more favorable setting for increased capital investment as the year drew to a close.

In international trade total exports continued to grow, but not at the exceptional levels of 1970. Exports to most major trading partners actually declined from 1970 levels. However, 1971 exports to the U.S. were about 10 per cent higher than a year earlier in spite of the import surcharge in the last half of the year, and this increase more than offset the declines experienced elsewhere. In the first nine months of 1971 Ontario domestic exports totalled over \$5.74 billion. Imports in 1971 increased about twice as fast as exports, reducing but not eliminating Canada's over-all surplus in international merchandise trade. Canada's dollar continued to float throughout 1971, and its near-par value with the U.S. dollar presented difficulties for Ontario exporters, especially in resource-based industries.



economy71

Industrial Production

Starting at about mid-year, most of the increase in industrial production took place in durable and non-durable manufacturing. The value of factory shipments of all manufacturing industries in Ontario increased to just under \$26 billion, representing about 52 per cent of the total national value of manufacturing shipments in 1971.

Primary metal and metal-fabricating industries showed large increases in production, as did paper and allied industries and manufacturers of major electrical appliances. Transportation industries suffered a set-back in production, due to declines in aircraft and parts manufacturing. But the Ontariobased Canadian automobile industry reached a record level of 1,369,638 cars and trucks produced in 1971.

In the resource sectors, only non-metal mining showed significant increases in production. In the construction industries residential construction had a strong year but the increased production in private housing was partially offset by low levels of business and plant construction.

Capital Investment

At the beginning of 1971 it was estimated public and private capital investment in Ontario would increase by 8.8 per cent over 1970 levels. However, by the end of the year it seemed the actual annual increase in investment would be about 7 per cent. At mid-year original intentions were revised downward for manufacturing expenditures on machinery and equipment, especially in the primary metal, paper, and petroleum and coal products industries. Investment plans were subsequently disrupted by the U.S. economic measures of August, and then had to be reconsidered again in light of the expansionary fiscal policies announced by the government in October.

For 1971 as a whole residential construction showed the greatest strength with new investments increasing by over 20 per cent to \$1.5 billion. Non-residential construction did not meet expectations in the last part of the year and grew by only 5 per cent to \$2.9 billion. The \$2.9 billion invested in new machinery and equipment in 1971 proved to be the greatest disappointment since it represented only a 3 per cent increase over 1970 levels. Private and public investment in Ontario thus totalled about \$7.3 billion for 1971, or just under 40 per cent of the Canadian total of new investment for the year.

Income

Total personal income in Ontario grew by 9.9 per cent in 1971, to \$30.1 billion. In the second half of the year consumer expenditure provided the main stimulus to the economy in the private sector, with exceptional sales levels recorded at many retail outlets in Ontario.













ONTARIO GROWTH AT A GLANCE

		Estimates			Percentage Change*	
	1970	1971	1972	71/70	72/71	
GPP (\$ billion)	35.0	38.1	41.9	9.0	9.9	
GPP Constant 1961 (\$ billion)	26.2	27.7	29.4	5.7	6.3	
Labor force (Thousands)	3,130	3,249	3,359	3.8	3.4	
Unemployment (% of labor force)	4.3	5.2	5.0			
Manufacturing shipments (\$ billion)	23.5	25.9	28.8	10.4	11.1	
Retail Sales	10.8	11.7	12.7	8.1	8.5	

^{*}Calculations based on unrounded figures.

Sources Statistics Canada Economic Planning Branch, Ministry of Treasury, Economics and Intergovernmental Affairs

PRIVATE AND PUBLIC INVESTMENT IN ONTARIO

		Esti	mates	Percentage Change	
	1970	1971	1972	71/70	72/71
	— r	millions of dolla	irs —		
Machinery and Equipment Construction:	. 2,811	2,894	3,070	3.0	6.1
Non-residential	2,780	2,921	3,090	5.1	5.8
Residential	1,266	1,525	1,654	20.5	8.5
Total	6,857	7,340	7,817	7.0	6 .5

Sources. Statistics Canada
Economic Planning Branch, Ministry of Treasury, Economics and Intergovernmental Affairs

TOTAL ONTARIO EXPORTS 1970 AND 1971 - VALUE IN \$'000

Со	mmodity-Section	Domestic	Re-exports	Total	Domestic	Re-exports	Total	% of Change
- 1	Live Animals	35,958.0	93.7	36,051.7	36,844.1	216.0	37,060.1	+ 2.8
	Food, Feed, Beverages & Tobacco	385,036.9	11,611.9	396,648.8	373,840.0	4,387.0	378,227.0	- 4.6
111	Crude Materials, inedible	733,773.9	6,683.8	740,457.7	753,480.2	5,378.4	758,858.6	+ 2.5
IV	Fabricated Materials, inedible	1,605,186.9	61,417.4	1,666,604.3	1,519,839.8	88,730.2	1,608,570.0	- 3.5
V	End Products, inedible	4,491,133.7	182,402.4	4,673,536.1	5,134,199.2	161,506.6	5,295,705.8	+13.3
VI	Special Transactions — Trade	12,679.9	1,321.1	14,001.0	15,665.2	232.2	15,897.4	+13.5
	Total	7,263,769.3	263,530.3	7,527,299.6	7,833,868.5	260,450.4	8,094,318.9	+ 7.5

Source: Statistics Canada Ontario Exports by Commodities

A SUMMARY OF ONTARIO EXPORTS BY SECTIONS FOR THE YEARS 1970 AND 1971 AND THEIR RELATION TO TOTAL CANADIAN EXPORTS - VALUE IN \$'000

1970					1971	
Commodity-Section	Ontario Exports to all Countries	Canadian Exports to all Countries	Ontario as a % of Total Canadian	Ontario Exports to all Countries	Canadian Exports to all Countries	Ontario as a % of Total Canadian
Live animals	36,052	68,602	52.6	37,060	67,760	54.7
Food, feed, beverages					,	
and tobacco	396,649	1,832,158	21.6	378,227	2,053,978	18.4
Crude materials, inedible	740,458	3,073,635	24.1	758,859	3,200,420	23.7
Fabricated materials,						
inedible	1,666,604	5,945,879	28.0	1,608,570	5,903,650	27.3
End Products, inedible	4,673,536	5,931,513	78.8	5,295,706	6,589,220	80.4
Special transactions —						
trade	14,001	34,629	40.4	15,897	31,897	49.8
Total	7,527,300	16,886,416	44.6	8,094,319	17,846,925	45.2

Source: Statistics Canada Ontario Exports by Commodities



trade&industry division

MARKETING BRANCH

The year 1971 proved to be a challenging one for Ontario manufacturers. The restricted rate of growth of the Canadian economy and the challenge of the U.S. surtax seriously affected the business climate.

But throughout the year, Ontario manufacturers aggressively investigated export opportunities for their products, with excellent results.

The department's Marketing Branch assisted Ontario manufacturers and exporters in many ways.

EXPORT CONSULTATIONS

Thirteen export forums and seminars, held throughout the province, provided management training programs covering export techniques and related trade procedures, and were attended by 853 business people. More than 2,044 factory visits were made by our Marketing staff, and 1,715 interviews were held with company representatives at our offices.

SALES MISSIONS

Many new contacts and a substantial amount of business resulted from our 24 sales missions to countries around the world. Hundreds of inquiries were received from companies seeking products available for export.

Of the 180 Ontario companies participating in sales missions, 125 visited foreign countries for the first time. The sales realized in these missions covered a broad range of Ontario manufactured goods and totalled approximately \$15,657,000. Most of this was new business, and indicates improved trade expansion possibilities.

As a result of seven incoming sales missions to the province, 29 buyers, representatives and distributors from 11 countries were brought to Ontario and introduced to many companies with export potential.

TRADE FAIRS

A total of 53 Ontario companies exhibited products in six major International Trade Fairs in Britain, Europe, Australia, and the U.S. Products such as electronic components, building products, packaging machinery, furniture, and hardware were on display. Considerable sales success resulted at Ontario group exhibits in Boston and New York; Munich, Germany; London, England; Melbourne, Australia; and Stockholm, Sweden.

Five other specialized international exhibitions were held in London, England; Frankfurt and Cologne, West Germany; and Annapolis, Maryland. Some 63 Ontario manufacturers showed all types of machine tools, engineering and industrial materials, hospital equipment, sports equipment, leisure-time products and clothing at these major trade fairs.

ENGINEERING ABROAD

Ontario engineers participated in major projects around the world through our Engineering Services Abroad program. Hydro electric installations, steel plants, schools, waterfront facilities were some of the many industrial developments and public works projects under way in areas such as Rumania, Hungary, Yugoslavia, Czechoslovakia, Guatemala, Colombia, Venezuela, Mexico, and Saudi Arabia.

As a result of the department's activities for exporters, 125 sales agents representing 104 Ontario companies were appointed in 1971.

In 45 speaking engagements by Marketing Branch personnel, 2,593 businessmen learned about the activities carried out by this department, and heard details of the 30 programs of assistance available to Ontario manufacturers and exporters.

NEW PLANTS AND LICENSES ABROAD

Manufacturing expansion abroad by Ontariobased companies resulted in the establishment of 25 new branch plants in six countries, plus 17 licensing agreements completed with foreign companies.



INDUSTRIAL DEVELOPMENT BRANCH

The Ontario economy recovered substantially from a low point in the last quarter of 1970, but the year 1971 was marked by the beginning of a number of major changes in the economic climate in which Ontario industry must operate. A vastly changed federal tax structure was announced, which together with a proposed Competition Act affecting mergers and rationalization agreements will require industry to adjust to new and complex regulations.

Major shifts in United States economic policies announced in August, 1971, affecting the international monetary and trading systems, have imposed on Canadian industry the necessity for thorough assessment and realignment of competitive position. While the U.S. import surcharge was removed in December 1971, adverse affects of the continuing DISC Plan encouraging U.S. companies to expand at home may not be noticed until mid-1972 by subsidiaries in Canada. Another event of importance was the impending entry of Britain into the European Economic Community (E.E.C.) and the future effect on Ontario exports to Europe.

Ontario corporation profits increased strongly and personal income reflected substantial wage and salary gains. While over-all investment in the province did not come up to expectations and manufacturing operations remained sluggish, the construction sector exceeded predictions and export sales increased.

The rate of growth of Ontario's labor force continued to outstrip the increase in the number of new jobs in the economy. As a result, federal government policies designed to stimulate the economy were only partially successful and unemployment remained at an unusually high level.

While the economy is entering a challenging period of adjustment for industry, investment authorities have expressed a moderately confident outlook for 1972. A strong resurgence of activity in the U.S. should have a buoyant effect on the Ontario economy, but will depend to a degree on the results of continued negotiations on trading relations and the relative value of the floating currency.

the relative value of the floating currency positions. Government policies will favor the stimulation of economic growth with the primary emphasis placed on creation of jobs during 1972.

During the 1971 period of regaining momentum from the low of late 1970, and despite the continued impact of the federal government's assistance to new industries locating in other provinces, 126 new manufacturing operations located in Ontario

during 1971. A total of 2,907,800 square feet was added to our manufacturing and industrial space and 4,574 new jobs were created, according to the annual survey conducted by the Industrial Development Branch. Estimated expenditures for new buildings and equipment amounted to \$106,800,000. As usual, the majority of new manufacturing establishments gained during the year originated in Canada.

During 1971, 10 Ontario companies entered into joint venture arrangements with foreign firms to form new companies on a joint equity basis, which was an increase over the previous year. The Plant Location Section regularly offers such new product opportunities to Ontario manufacturers. In these cases, the foreign partner normally contributes the new product specifications and technical know-how, and possibly special machinery and a share of the capital investment. The Ontario partner usually provides the plant facilities, skilled tradesmen and sales connections and a share of the capital investment if required.

An additional 349 plants in Ontario expanded their facilities during 1971, at an estimated cost of \$546,190,000. Some 7,536 new jobs were created and 8,274,600 square feet of manufacturing space were added.

The annual growth of the Ontario economy is stimulated by the industrial consulting service provided by the Industrial Development Branch to Canadian and foreign companies. The numerous Branch programs are geared to further industrial growth, productivity and to provide employment opportunities. The businessman interested in opportunities in Ontario should take advantage of the comprehensive and confidential services offered by Ontario's trade representatives. These will assist him to assemble information, assess the many factors and reach a decision in a practical, time-saving manner



Sales mission member and mission coordinator check European itinerary.

trade&industry division

The MANUFACTURING ARRANGEMENTS SECTION of the Industrial Development Branch deals primarily with established Ontario secondary manufacturers seeking product diversification, subcontract work, licensing opportunities and new sources of supply for hard-to-find items, and also to act as a consultant or confidante on which to try out new ideas or seek quidance.

To handle the hundreds of enquiries from industry and new manufacturing opportunities, the daily workload is divided among six specialized Development Officers, each servicing a section of industry in broad categories such as plastics and chemicals, electrical and electronics, machine tools and hardware, sheet metal and plate work, raw materials and construction items, as well as furniture and automotive accessories. The support programs for each of these general classes of industry may be summarized as follows:

Manufacturing Opportunities Bulletin — A monthly in house publication, bringing to the attention of over 4,000 manufacturing industries new manufacturing opportunities under four general headings — i.e. Products and Services for Licensing, New Patented Inventions Seeking Commercial Exposure, Product Facilities Available and Seeking Contract Work, and a Contracts Available Section. Information on any or all items may be obtained by forwarding a self-addressed reply to the department for additional information or descriptive literature.

New Manufacturing Arrangements — For those foreign companies which are seriously interested in Ontario manufacturing but are not yet prepared to make their own investments in plants or joint ventures, this program is designed to seek Canadian manufacturers who will manufacture the products in Ontario under a Licensing Agreement. During the current year, 708 items were published in the monthly bulletin and 4,564 enquiries were received from industry.

Completed licensing agreements recorded for the year were 140 with the resulting direct impact of approximately \$29,680,000 sales necessitating 420 new jobs.

Industrial Contract Procurement Program — This program is designed to assist manufacturers in seeking sub-contract work in order to utilize surplus production facilities, as well as to obtain contract opportunities from outside of the province. During the current year, a total of 145 companies listed their surplus production facilities which generated over 270 enquiries which resulted in four contracts, having an estimated value of \$187,000. Sub-contract

work from outside of the province accounted for 58 listings in bulletins to which over 665 enquiries were received, with the ultimate value of new business placed amounting to \$5,870,400 of new manufacturing business for our Ontario industries. This program is receiving increasing attention by all concerned owing to the excellent results obtained to date.

Inventions Development Program — A unique counselling service for inventors wishing to proceed with the commercialization of a new idea and products. General guidance is given and appointments arranged for specialized service as they would relate to research and development, financial matters, licensing of manufacturing rights, as well as to introduce the inventor to potential entrepreneurs and industries seeking new ideas.

176 items were published in the monthly bulletin and 595 enquiries were received from industry seeking additional information or an opportunity to meet the inventor. Close co-operation is maintained with the inventor and other branches of the Department such as Ontario Development Corporation and Ontario Research Foundation, who also contribute in the ultimate development of new products and processes.

Licensing Missions Abroad — This is an extension to our bulletin service of acquainting industries with licensing opportunities that might be found in other parts of the world. Product Prospecting Missions, as they are called, comprise a group of ten or more industrialists who are organized and escorted by a mission leader to attend international trade fairs throughout the world for the purpose of looking for new products and ideas, Additionally, appointments are pre-arranged for the mission members to meet industrialists in other countries who wish to have their products sold and manufactured locally for the North American market. This program has been most successful during 1971 when four missions were sent abroad involving 34 industrialists who attended selected trade fairs in Italy, Germany, Norway, Sweden, Switzerland, United Kingdom and Japan. A total number of 522 discoveries were made during the year, many of which are now under serious investigation and new licensing agreements are expected shortly.

A survey of six previous missions indicates that 56 industrialists discovered 797 products of which 11 have now been finalized in firm licensing agreements, resulting in an estimated \$2.2. million annually with new employment for 33 people.

A continuance of this program is planned for 1972.

Manufacturing Opportunity Days — This new program, commenced in 1971, has already been hailed as a great success by the communities and industries who have participated to date. Under the auspices of the local Industrial Commissioner, MODs are organized during which manufacturers arrange private appointments to meet and discuss new manufacturing opportunities with our Industrial Development Officers. Over 1,000 manufacturing opportunities are transported to the community and interview offices are arranged in a local hotel for appointments each hour throughout the three or four day period.

During 1971, Manufacturing Opportunity Days were sponsored by the Industrial Commissioners of the following cities: Belleville, Windsor, London, Ottawa, Thunder Bay, Sault Ste. Marie, and Kitchener, and a total of 224 private interviews were conducted toward a negotiation for a licensing agreement.

This program will be held in abeyance during 1972 in order not to conflict with the forthcoming Manufacturing Opportunities Show (M.O. Show 72) to be held in the Queen Elizabeth Building, Exhibition Park, Toronto, October 24, 25, 26, 1972. This show will feature all the programs sponsored by the Manufacturing Arrangements Section of the Industrial Development Branch.

The TECHNOLOGY SECTION broadened its programs and services during the year to assist industry in its efforts to acquire and apply rapidly advancing technologies.

In 1971, executives with research and development, engineering and manufacturing responsibilities in 63 companies participated in 6 Industrial Technology Development Missions. Emphasis was placed on high technology industries including aeronautical equipment, electronics, plastics and water pollution control. The missions attended international conferences and industrial exhibitions, as well as visiting research institutions, and advanced manufacturing operations in Denmark, Finland, France, Great Britain, Italy, Japan, Sweden, United States and West Germany.

Product Development Clinics were conducted at eight locations in Ontario during 1971 with 264 representatives attending from 183 companies. This program of panel discussions, group meetings and private consultations provided manufacturers with opportunities to discuss various aspects of product development and productivity improvement with specially selected consultants. In 1971, the clinics were held in Brampton, Brantford, Collingwood,

Kingston, Renfrew, Stratford, Sudbury, and Thunder Bay.

To capitalize on the research and development produced within the province, and reduce the reliance on imported technology, the Section cooperated in arranging seminars to facilitate communication between industry and the various universities and community colleges throughout Ontario.

These activities have resulted in product and process innovations developed in the educational institutions being introduced to industrial enterprises for commercial application.

In addition to such specific undertakings, the officers of the Technology Section had 565 discussions with companies to consult on technological and business problems and opportunities.

To provide industrial development information and guidance, the staff of the Section made 77 visits to municipalities and Regional Development Councils, while 115 consultations were held in the offices of the Section with visiting municipal and regional officials.

An extensive program of three-day Industrial Development Training Courses was held at seven locations in 1971. These were attended by a total of 187 representatives of municipal councils, local industrial and commercial establishments, labor unions and other organizations interested in supporting the industrial development of their respective communities.

The listing of available industrial buildings continued to be active throughout the year. 106 new listings were added to the file and 84 were removed due to the buildings being sold or leased. This service is designed to help municipalities find occupants for vacant industrial buildings and is of particular value to the smaller communities.

Information used extensively for economic development and plant location studies is compiled in Municipal Industrial Survey reports. During 1971, reports were prepared on 386 Ontario municipalities with 344 complete sets of surveys being distributed and 4,607 single reports supplied on specific requests.

The establishment of an office in Thunder Bay in 1970 was followed by the addition of a similar facility in Timmins in 1971 to serve the interests of Northeastern Ontario. The Industrial Development Officer in each location provides the services of the Trade and Industry Division to Northern Ontario industries and assists the communities in their efforts to support existing industrial establishments and attract new enterprises.

The year 1971 was a year of change for the SELECTIVE IMMIGRATION SERVICE. With the general slow-down of economic expansions in Canada and Ontario and the high level of unemployment, it was no longer necessary to encourage the immigration of professional and skilled manpower except in highly specialized fields.

While receiving about the same number of requests, by mail, telephone and in person, for information and advice on emigrating to Ontario as in previous years, much more of the advice given was negative in nature, when the enquirers' occupational skills were taken into account. Every request was treated on an individual basis and the enquirer provided with as much factual information as possible as to opportunities for employment, salary level, cost of living and other aspects of making a new life in Ontario. In many cases, Federal Immigration Offices referred enquiries to our offices so that a more detailed briefing as to conditions in Ontario could be provided. The distribution of a branch information kit was continued through our own offices and in conjunction with many of the Federal Immigration Offices.

During the year, 310 Ontario employers requested assistance in locating skilled personnel, of which 30 advertised overseas with a total advertising budget of \$20,081.00. A total of 615 applicants were interviewed overseas by company representatives and 377 were made offers of employment. In addition, 707 newly landed immigrants were inter-

viewed in the Toronto office and employment found for 165 of them. It should be realized that in many cases the newly landed immigrant has only a temporary address and after counselling and providing employment information, contact is lost and follow-up action can not be taken.

Because of reduced immigration activity in Scotland, the Branch's Glasgow Office was closed in mid-year and the area re-assigned to the London Office. The London Office is now responsible for Great Britain and the Continent of Europe and the Toronto Office responsible for the remainder of the free world. Later in the year, the Branch was changed to a section of the Industrial Development Branch and assigned a new name and new duties.

As the Selective Placement Section of the Industrial Development Branch, it carried out investigations and studies pertaining to plant closures and layoffs and the re-location of redundant personnel within the Province of Ontario. Eleven plants were visited during the last six weeks of 1971 regarding forthcoming layoffs. Fifty-nine plants were also contacted during the same period regarding new plants or plant expansions and the possible need for additional personnel.

Total immigration to Canada for 1971 was 144,829 — a decrease of 10.3 per cent from the previous year. Total immigration to Ontario was 53.8 per cent of the total — 77,998, a slight decrease from the previous year.



our men from ontario

INTERNATIONAL BRANCH

In 1971, Ontario's International Trade and Industry Counsellors located in 14 key centres around the world reported face-to-face business discussions with several thousand foreign industrialists and buyers in their continuing efforts to promote the infusion of new technology into Ontario's industry, and to expand export markets for Ontario manufacturers.

These industrialists were encouraged to negotiate for joint ventures or licensing arrangements with Ontario firms, to locate manufacturing establishments in Ontario, or to seek sources for subcontract production in the province. The foreign buyers were encouraged to seek representation of top quality and readily marketable products originating in Ontario.

In addition, some 200 international buyers were persuaded by our counsellors to visit the province to view Ontario products on display at domestic trade shows and to negotiate directly with manufacturers,

During 1971, more than 1,000 members of Ontario's business community visited our offices abroad, either independently or as participants in departmental sales missions, technology development missions, product prospecting missions, and international trade fairs. Comprehensive marketing information and assistance was provided in each instance, resulting in 2,994 appointments being concluded with major foreign industrialists and selective buyers and distributors.

The International Branch continued its successful Business Opportunity Mission program throughout 1971. These missions, specifically designed for the purpose of familiarizing industrialists and buyers with the profit opportunities available in Ontario, are comprised of Trade and Industry counsellors who visit specific areas abroad.

Missions were conducted in 21 foreign cities, resulting in interviews with over 1,200 interested businessmen. During the year, a major symposium was held in the city of Stuttgart, Germany, attended by 250 leading German businessmen where a panel of experts provided detailed information on Ontario's business environment and economic opportunities

Minister of Trade and Development Allan Grossman spoke to more than 200 U.S. businessmen at a special Business Opportunity luncheon in Philadelphia, where he outlined the services of the department, the investment opportunities in the province and opportunities for marketing Ontario products.



In the U.S., the department maintains representation in seven major business centres: New York, Chicago, Los Angeles, Cleveland, Atlanta, Boston and Minneapolis/St, Paul.

In Europe, counsellors are located in Ontario House, London; Frankfurt; Stockholm; Milan; Brussels; Vienna, and in Asia in Tokyo, Japan.

To better meet the needs of Ontario manufacturers to diversify their markets, offices are to be established in Washington, D.C., and Sao Paulo, Brazil, early in 1972. Plans have also been formulated for an office in Caracas, Venezuela. Other developing markets which offer potential for Ontario products are being considered as locations for Trade and Industry offices.

research branch



RESEARCH BRANCH

The Research Branch is the analytical and planning arm of the Trade and Industry Division. In addition, research support is provided to the Ontario Development Corporation and short term market reports are provided to any manufacturer in the province. The Branch is also responsible for the preparation of statistical publications and manufacturers' directories designed to assist trade and industrial development in the province.

In 1971, a total of 474 studies were carried out for manufacturers who were interested in establishing a new or expanded operation in Ontario.

Of major importance to the branch were in-depth studies on segments of Ontario's manufacturing economy. Completed studies included a report on the automobile industry, a study of the automotive parts manufacturing industry in Ontario, an indepth study on the furniture industry in Ontario, and a report on the fur goods industry in Ontario.

During the year several industries also required constant review as conditions and policies in Ottawa were altered. These included the automobile industry as it was affected by the Canada-U.S. Auto Pact, the textile, chemicals, shoe and leather, and rubber industries.

Several national and international events also demanded attention and analysis by the Research Branch. These were Canada's new toreign investment policy, for which a study was prepared in conjunction with an interdepartmental task force on foreign investment, the new Competition Bill C-256, in which the branch participated on another interdepartmental task force, the new Tax Bill C-259, the Canada Development Corporation and the Job Support Board C-262, which was established to offset the debilitating effect of the U.S. 10 per cent import surcharge.

Other international repercussions requiring considerable research by the branch were the impact of Britain joining the European Common Market, the freeing of the U.S. dollar from the gold standard, the United States' proposal for Domestic International Sales Corporations (DISC) and the floating of the Canadian dollar.

During the year the Research Branch was also heavily involved in the Ontario Government's new mining policy, to extend processing of its natural resources. The Branch was represented on an Interdepartmental Task Force administering the government's policy under Section 113 of the Mining Act.

To assist Ontario manufacturers in developing new export markets, 13 detailed market surveys of foreign countries were prepared, and to further stimulate interest in new markets, another 15 feasibility studies were prepared on various parts of the world. Special emphasis was given to Latin America, the Far East, Africa and South East Asia.

As part of the Department's policy of providing up-to-date information to Ontario businessmen, the Research Branch continued its compilation of Data Development Forms from Ontario manufacturers. To date over 5,000 companies have been sent these forms. The data obtained from the company development sheets and other sources was reprinted for specific use in the form of an *Ontario Products for Export Directory*, and a directory of manufacturing subsidiaries of foreign companies in Ontario for divisional purposes.

To assist Ontario manufacturers directly in exporting products to other parts of the world, *Ontario Exports by Countries, by Commodities* and *Statistics for Profit* publications were also produced in 1971.



Jury members for the 1971 Ontario Furniture Design Awards competition chose 35 designs for possible awards. Winning entries were displayed at the National Interior Design Show, and the Canadian Furniture Mart.



An Atlanta, Georgia belle samples Ontario food products during a food sales mission to this market.



The two-day Capital Projects Abroad Conference, held in November at the Skyline Hotel, Rexdale, sparked discussion and co-operation among architects, consulting engineers, exporters, government.

agricultural services

Ontario is the "foodbasket" of Canada. Export sales of Ontario-produced food and agricultural products have gained steadily over the past few years to the current volume of over \$400 million annually. An ever increasing number of countries throughout the world are enjoying Ontario processed food products. During 1971, shipments from the province were made to 71 countries.

The Ontario Food Council, the "marketing arm" of the Department of Agriculture and Food, maintains an office at the Department of Trade and Development for effective co-operation between these two sister departments of government. Through this liaison, maximum use is made of the full facilities of both departments, and has reflected in proven results with steadily increasing world market sales of Ontario food and agricultural products.

A total of 59 food processors have participated in 11 successful Ontario Food Missions to the United States, Japan, and the Caribbean during the past year. Incoming buyers from 31 countries have also been assisted by the Ontario Food Council to secure new sources of Ontario-produced food and agricultural products.

Staff of this marketing arm of the Ontario Food Council has been increased to accommodate the expanding volume of trade missions and export representation.

ontario exports to the world

BEST ON THE MARKET

Best Universal Locks Limited of Cooksville (Mississauga) Ontario, have found the key to the export market.

P. H. Barber, vice-president and general manager of the Ontario firm, contends that "seeing and selling" — showing the actual lock such as the Best office equipment lock, and its advantages directly to the customer — is the answer for exporting.

Barber successfully introduced Best locks to the United Kingdom market two years ago. And in late 1971 he visited Holland and Belgium on one of the department's sales opportunity missions.

A month later, Best Universal locks were shown at a trade show in the International Building Exhibition, London, England, as part of a department-sponsored exhibit.

Best locks have been on the Canadian market for more than 25 years. The company has full-time sales staffs operating in British Columbia, Quebec and Ontario, and manufacturer's agents in the three prairie provinces.

The Cooksville headquarters operation has an office staff of four, and there are 16 in the factory, for lock assembly, packaging and shipping.

Newest security device in the Best lock catalogue is an office equipment lock used to secure expensive items such as electric typewriters, duplicating machines, and calculators.

Best locks are designed for institutional use, for emergency exits and fire exits in schools, hospitals, libraries and industry. "The export market," says P. H. Barber, "is always receptive to a good product at a competitive price."

A cylinder lock core is assembled in the Best Universal Locks Ltd. plant, Cooksville.

LICENSING SUCCESS

A practical and saleable patented product, market strategy, and licensing agreements around the world — this threefold package can help an Ontario company become a \$1 million-plus international organization from an initial minimal capital investment in just seven years.

This is the manufacturing and marketing achievement of Beautiline Showcase Systems, of Downsview.

General manager Peter Frank credits Beautiline's success in a highly competitive world market to skilful product development, patents approval, well planned market penetration, and complete assistance in granting licenses to five-year and 10-year licensees.

Mr. Frank's success may also be measured in enthusiasm, looking upon market planning as "fun", and "thinking internationally". F. W. Reilly is the president and product design and engineering innovator of the company.

Two basic types of product are assembled at the Downsview plant, and also in a Vancouver plant: the Beautiline extruded aluminum frame showcase system, with many interchangeable display accessories, and the TUBEX square tube modular system in aluminum or steel, with open display areas. The company's "showroom" is virtually any of Ontario's new shopping malls and plazas.

Beautiline started in business in 1965. At the same time that the company established distributors from Newfoundland to Vancouver, Beautiline Showcase Systems arranged for patent approval in 22 countries and began seeking licensing agreements throughout the world.

The Ontario trade offices in Frankfurt, Germany, and Stockholm, Sweden, have been particularly helpful, Mr. Frank states.

Beautiline's first licensing agreements were made in Benelux, Denmark, France and Spain. The company has also arranged licensing in the U.S., Australia, and Brazil, and has other agreements pending in the Barbados, Sweden, and South Africa.

TUBEX lightweight square tube modular system, internationally known and accepted within 1½ years, is the result of the study of and improvement upon some 22 competitive display systems on the market. Patent approval for TUBEX was sought in 17 countries.

Beautiline offers licensees a complete in-plant briefing at Downsview on its products and market applications. The company insists that the licensee send a qualified engineer to the plant for a 10-day training period. The initial agreement is followed up with full reports on product modifications and new installations, complete with detailed blueprints and costs of all components.

Mr. Frank says that having two employees checking on licensing, out of a total staff of 40, "pays off in the long run". Beautiline Showcase Systems hopes to have licensing agreements in 12 countries by 1974.

LAKEHEAD EXPORTER

Great West Timber Limited, Thunder Bay, through its subsidiaries, Boreal Timber Limited, also of Thunder Bay, and Lac Seul Land and Lumber Company Limited, Hudson, produces and exports two inch spruce and pine lumber, kiln dried and dressed to U.S. lumber standards.

Company vice-president Tom Inglis was a member of the first northwestern sales opportunity mission to the Minneapolis/St. Paul, Minnesota area in May 1971.

He says that Great West Timber is pleased with the sales results of this mission: four definite new accounts and orders for at least one million board feet.



Tubex modular display system, designed by Beautiline Showcase Systems, Downsview, complements retail displays.

Mr. Inglis states that one of the main advantages of this type of mission is that the Ontario trade officer in Minneapolis, made appointments with the top executives of the companies contacted, the men who make the decisions. He added that it is not always possible to reach this executive level when making calls on your own.

Great West's production in 1971 was approximately 40 million board feet. In 1972 it is estimated that production will reach 70 million board feet.

Much of the increase in production is the result of a modernization program which the company has undertaken with assistance from Ontario Development Corporation and the federal General Adjustment Assistance Program.



Dressed lumber from Great West Timber, Thunder Bay, is off and rolling to Minnesota, as sales manager Kaz lwasa and vice president Tom Inglis look on.



furniture & furnishing awards

In the fifth annual Ontario Furniture Design Awards competition, sponsored by the Trade and Industry Division, more than \$4,000 in cash prizes was won by designers and manufacturers for new concepts in furniture design.

At the November awards presentation, a Grand Eedee statuette, symbolic of excellence in design, was won by Dudas Kuypers Adamson Ltd., Toronto, for a unique grouping of street furniture in textured concrete and fibreglass.

School of Design instructor Jeffery Fear of Humber College, Rexdale, also received a Grand Eedee and \$600 for his combined entry of chaise lounge, chair and ottoman in chromed tubular steel and leather.

Category design winners for home and contract furniture each won an Eedee award and cash prize of \$500, and runners-up received \$250. Winning manufacturers were presented with certificates of merit.

Award winning entries were displayed at the National Interior Design Show, Exhibition Park, Toronto, along with design award entries for the Association of Canadian Industrial Designers (Ontario) 1971 award of the year.

These Eedee excellence of design awards encourage better design by Ontario furniture makers, assisting them to compete effectively in world markets.



These knock-down chairs, by DuBarry Furniture, with colored plastic or oak arms won an Eedee in the contract furniture production line category.



Practical textured cement furniture group won a 1971 Grand Eedee for its Toronto creator.



Student designers were honored for the first time in the 1971 Ontario Furniture Awards presentation. Winner of a \$200 bursary, John Werlich of Humber College, Mississauga, displays his award certificate.



ontario development corporation

Loan programs administered by the Ontario Development Corporation were expanded in 1971 to give increased aid to Canadian owned companies. A number of new and revised loan programs for business and industry were introduced.

In early May the Minister announced that Canadian controlled new and expanding manufacturing industries would be eligible to receive performance loans of up to 50 per cent of new building and machinery costs, compared to the former 33½ per cent on the first \$250,000 of approved costs and 25 per cent on the balance. Performance loans, under the Equalization of Industrial Opportunity Program, allow new or expanding industries to receive up to \$500,000 in slow growth areas. Performance loans are also available for major tourist attractions locating in resort areas.

Commercial fishermen whose operations were affected by mercury pollution became eligible for both performance and term loans to convert their equipment to fish for other species or in waters free from pollution.

A small business loan program was introduced to assist Canadian owned small businesses in all

parts of the Province. The types of businesses eligible were broadened to include not only manufacturing firms but certain segments of the service industries closely linked to manufacturing, such as canning operations, machine shops, printing and allied trades.

A venture capital fund was announced to provide financial assistance to Canadian firms capable of introducing new technology or products to diversify the economy.

In December the Minister introduced an export support program designed to help small and medium sized Ontario based exporters sell their products in foreign markets. The program provides for various types of government loans to manufacturers encountering difficulties in financing exports of capital or consumer goods.

Loan programs introduced in 1971, in addition to other established programs under the Ontario Development Corporation, are designed to encourage the development and expansion of industry and businesses which will better Ontario's economy, maintain employment and become the job creators of the future.



The members of the Board of Directors of the Northern Ontario Development Corporation, all residents of the northern part of the province, are, seated left to right, J. M. "Mac" Coulter, Sault Ste. Marie; Mrs. Jane Malcolm, Geraldton; John Andrews, Thunder Bay, chairman; and Arthur Grout, Chapleau, vice chairman; standing, Peter Harrower, Timmins; Ray Walneck. Thunder Bay; and Albert Boisvert, Cochrane.



United Extrusions Ltd of O a genth-was a brand new company when it received a performance loan under the ODC's Equalization of mainstrue! Opportunity program in 1969. The loan enabled it to set up operations quickly and employ local people. Shown here is a load of corrugated polyethylene irrigation robing ready to leave the plant.

northern ontario development corporation

In 1971 official openings were held at Northern Ontario Development Corporation offices in Thunder Bay and Timmins. The Thunder Bay office serves the northwestern area of the Province including the districts of Kenora, Rainy River, and Thunder Bay, and the Timmins office covers the northeastern area, or the districts of Algoma, Cochrane, Manitoulin, Nipissing, Sudbury and Timiskaming.

The Corporation actively pursues policies designed to encourage development associated with and tailored to the specific needs of Northern Ontario. Its board of directors and consultant staff are residents of the north.

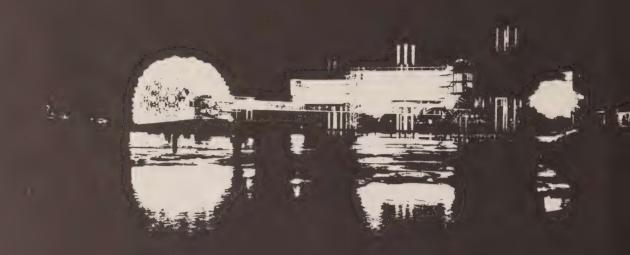
During the year NODC performance and term loans were authorized for a wide variety of secondary manufacturing industries, tourist resorts, local transportation companies, and a number of small

businesses. Companies requiring funds for the purchase of pollution control equipment were also assisted.

NODC consultants have travelled throughout the northern area of the Province speaking at public meetings and to groups of businessmen, municipal authorities, and college students. The services provided by the NODC were also a subject of discussion on radio and television programs.

During the year consultants made regular visits to outlying areas to create a greater awareness among potential business applicants concerning the operations of the Northern Ontario Development Corporation.

In addition to the financial services provided by the Corporation, NODC offers advice and counselling on technical and general business problems. special projects and planning division



ontario place V Ontario Place, the province's exhibition and entertainment complex on Toronto's waterfront, was the principal operational assignment of the Special Projects and Planning Division during 1971.

The project, on which construction was started in 1968, was officially opened on Saturday, May 22, 1971 by Prime Minister William Davis and Trade and Development Minister Allan Grossman.

On October 11, when Ontario Place completed the first phase of its operation, a total of 2,318,794 people had visited the 96-acre playground, making it the largest paid attraction in Ontario.

Of the total number of visitors to Ontario Place in 1971, 20 per cent came from other provinces, the United States, and other countries.

Intense interest was shown in Ontario Place by officials of cities in the United States and Britain who came to study the site in the light of its application to their own area.

More than 1,400 persons were employed on the site at the peak of the 1971 Ontario Place season. Of these, 900 were college students from many parts of the province, who were employed throughout Ontario Place as hosts, hostesses, marina, administration, restaurant, boutique and maintenance staff.

Between May 17 and June 30, and September 7 to October 11, more than 100,000 elementary and secondary school students toured Ontario Place, coming from 1,000 Ontario schools, from such communities as Iroquois Falls, Sudbury, Kitchener, Spanish, North Bay, Windsor, Chatham, Thunder Bay, London, and communities within the immediate area of the site.

In addition to the school tours, more than 50,000 people visited Ontario Place between May 2 and October 11 on commercial tours, which included such groups as associations, companies and clubs.

















An attraction at Ontario Place which drew about 225,000 visitors in the five-month summer season was the former Canadian naval vessel, *H.M.C.S. Haida*, permanently berthed near the east entrance to the site. Over 120 Ontario Sea Cadets trained aboard the ship throughout the summer.

The marina was another active spot during the season. Visitors sailed in from as far away as Florida. Marina officials recorded a total of 3,109 boats using the 300 slips between May 22 and

October 11.

Ontario Place also served as a showcase for Canadian talent, both professional and amateur. At the 8,000-capacity outdoor Forum amphitheatre there were programs of live entertainment, ranging from rock groups, jazz bands, square dancing, new talent and choral group, to symphonies and ballet companies. During the National Ballet's 13-week season at Ontario Place, about 45,000 people attended; almost 75,000 came to the 15 concerts given by the Toronto Symphony. More than 15,000 performers appeared at The Forum and throughout the site. This number included 396 non-professional groups, and among these were groups representing 20 different national backgrounds.

The 800-seat Cinesphere theatre, with its huge curved screen, provided a dramatic setting for the showing of six Ontario-made films: "North of Super-

ior" — which introduced the Ontario-developed IMAX giant-screen process — "Where the North Begins", "Seasons in the Mind", "Home by the Waters", "A Place to Stand" and "Festival", all of which depict areas and activities in many parts of the province. Two of these films, "North of Superior" and "Seasons in the Mind" won honors in the 23rd annual Canadian Film Awards held in Toronto.

A place that has much to interest the youth of Ontario, the site also provided employment and valuable training for young people. In addition to the 900 college students employed at Ontario Place, 650 Boy Scouts, Venturers and Rovers and 28 leaders from all over Ontario were on duty during the season, providing 16,800 hours of service to the public.

After the closing of the first phase of Ontario Place's operation, October 11, 1971, Cinesphere was opened for the showing of 70 mm feature-length films shown on the theatre's giant screen. The Place restaurants in Pod 2 of the Ontario Place Pavilion also were open for public dining and private functions, including a Grey Cup TV-viewing party, a New Year's Eve party, and banquets and dinners, in addition to public dining in conjunction with Cinesphere film showings.

The 1972 summer season of Ontario Place starts on the Victoria Day holiday weekend in May.



The Ontario Conference on Economic and Cultural Nationalism

Planning, organizing, and staff assistance by Special Projects contributed to the successful operation of the Ontario Conference on Economic and Cultural Nationalism, held in Toronto, June 23 to 25, 1971.

The purpose of the conference was to provide a forum where there could be open discussion of the economic, cultural and social objectives of the province, and how they could be determined in Canada by Canadians. Representatives of business, youth, labor, the professions, the universities and the arts were invited to attend. Speakers and panelists from various fields directed the discussions.

sheridan park research community



Sheridan Park is Canada's first integrated community devoted to research. The various industries within it operate quite independently. The essential purpose of the community is to create a "research atmosphere" — an environment conducive to the efficient pursuit of research objectives. Already it has been proven that this is attracting scientists to the community.

This community is located in 340 acres of parkland on the north side of the Queen Elizabeth Way, 12 miles to the west of Metropolitan Toronto.

Initially inspired by the Ontario Research Foundation, the concept is a campus-like development for the establishment of industrially-sponsored facilities devoted purely to research and development, and took physical form in 1963.

Continuity is preserved by protective land covenants which regulate such matters as land use, architectural and landscaping design. Price speculation has been eliminated.

Eleven organizations have their own individual buildings.

These are: Abitibi Paper Company Limited; Atomic Energy of Canada Limited; Canada Systems Group (EST) Limited; Cominco Ltd.; Dunlop Research Centre; Gulf Oil Canada Limited; International Nickel Company of Canada Limited; Mallory Battery Company of Canada Limited; Ontario Research Foundation; United Lands Corporation (commercial complex); Warner-Lambert Research Institute of Canada Limited.

At present the corporate members of the com-

munity employ some 1,750 scientists, engineers, and supporting personnel. When complete, it is anticipated that some 6,000 will be employed with an annual payroll of \$40,000,000.

Scientific libraries, special research equipment, and skilled scientific personnel are available for additional service to members of the community. The Ontario Research Foundation provides an independent research and development facility on a contract basis.

A seven acre site was retained by the United Lands Corporation to provide commercial and office facilities for the community. This provides some 100,000 square feet of office space capable of housing technical, administrative and service requirements of the community.

The first phase of this complex was completed in 1968 in the form of six one-storey buildings of modern architectural design and are occupied by many types of business which provide a variety of services to companies and people in Sheridan Park. United Lands Corporation has moved their business operations into this complex.

On June 22, 1971, Prime Minister Pierre Elliott Trudeau visited Sheridan Park. He landed in the Park by Armed Forces helicopter and was greeted by a crowd of 5,000, including 3,000 school children. Mr. Trudeau proceeded to the Sheridan Park Conference Centre where Dr. R. M. Dorland, Director of Technical Development, Abitibi Research Centre, and President of the Sheridan Park Association, presented an important paper on research and development in Canada. The federal Prime Minister also toured two research centres.

A successful two-day symposium on industrial waste management was held on November 3 and 4, 1971, under the chairmanship of Dr. L. S. Renzoni, International Nickel Company of Canada.

Lecturers and speakers attended from Europe, the United Kingdom, the U.S., and Canada.

Environmental control problems discussed included: long-distance transport of gaseous pollutants; sulphur control processes; sound, noise and vibration control; bioengineering.

Other important visitors to and speakers at Sheridan Park during the year included Honorable Alastair Gillespie, Minister of State for Science and Technology; and Dr. Simon Ramo, Vice-Chairman of the Board and Chairman of the Executive Committee, TRW Incorporated.

A series of 18 showings of science films throughout the year was attended by some 1,000 Sheridan Park scientists.

The Ontario Development Corporation now owns the 68 acres of uncommitted lands remaining in Sheridan Park, and is responsible for sales to users conforming to the "research community" concept.

canada systems group (est)

Newest member of the Sheridan Park community, The Canada Systems Group (EST), officially opened its \$6 million new building and large computer installation in December, 1971.

The Group is a joint venture of the T. Eaton Company, the Steel Company of Canada, and TRW Incorporated.

Two IBM 370/155 computers installed at the Canada Systems Group are valued at approximately \$15 million. A further IBM 360/165 computer to be installed will make the Group the largest privately-owned computer centre in Canada.

Aim of the Canada Systems Group (EST) is to provide a total computer-based information service to Canadian industry and to apply computer technology to solutions of current problems such as manufacturing, retailing, finance, urban development, transportation planning, medical services and environmental control.

The two-storey structure provides 130,000 square feet of floor space, with the largest area committed to computer operation and programming and other areas for civil systems labs and administrative offices. Expansion in convenient 30,000 square foot modules can be effected, to a maximum of 260,000 square feet.

President William B. Boggs heads an organization of 250 qualified persons, many of whom were trained with the founding companies. TRW has been in business in Canada for 30 years and has the technological expertise to manage civil programs in the fields of transportation, housing, land development, and environmental control.

The computers are housed in specially constructed secure areas of the building. Computer operations and equipment occupy 30,000 square feet of space in the initial structure. Provision is made for an uninterrupted supply of power.

High speed lines, carrying transmissions between the Canada Systems Group computer centre and user locations, are capable of transmitting between 19,200 and 50,000 bits of information per second. Comparable figures for such systems now in use are between 2,400 and 4,800 bits per second.





ATOMIC ENERGY OF CANADA LTD.

The most significant event for Power Projects Division of AECL in 1971 was the start up and early operation of the first two units at the Pickering Generating Station. Located 20 miles east of Toronto, the four-unit station will be one of the largest in the world.

Power Projects designed the nuclear portion of the station and the central controls. Along with the owner operator, Ontario Hydro, Power Projects personnel have been engaged in the commissioning of the station. Both the first two units have performed exceptionally well. Unit 1 produced its first electricity in April 1971 and averaged more than 80 per cent of full production in its first six months of service — a remarkable record for a new station of this size.

Atomic Energy of Canada Limited is a crown corporation and Power Projects is one of its main divisions. This important arm of the company is responsible for the engineering design of nuclear power systems, for managing the construction of AECL-owned nuclear power station projects and for the development and testing of nuclear power station components.

A \$6 million establishment at Sheridan Park Research Community, Power Projects comprises a three-storey design and administration building and a design laboratory.

The Bruce Nuclear Power Development, between Kincardine and Port Elgin, is destined to be the atomic power capital of Canada. Here, at the site of the present Douglas Point Nuclear Power Station, an 800-ton heavy water plant is nearing completion and the 3,000,000 kilowatt Bruce Generating Station is under construction.

The heavy water plant, being built by AECL-Power Projects, will be operated by Ontario Hydro. The first stage of production (400 tons annually) will be completed this year while the second stage, providing similar tonnage, is scheduled for completion in 1973.

The Bruce Generating Station is being built by Ontario Hydro with all nuclear design carried out by AECL-Power Projects. The first of four reactors at this station will begin producing electricity in 1976. The other three will be completed at one year intervals.

Power Projects designed and built the 200,000 kilowatt Douglas Point Nuclear Power Station which began producing electricity in 1967. Nuclear portions of India's 400,000 kilowatt Rajasthan Nuclear Power Station and the 250,000 kilowatt Gentilly Nuclear Power Station in Quebec were designed by Power Projects.

ABITIBI PAPER COMPANY LTD. CENTRAL RESEARCH DIVISION

The scientific, technical and engineering personnel of the Abitibi Research Centre serve the needs of the company's paper and building products operations in Canada and the U.S. Severe economic conditions of the past few years necessitated a reduction in staff, to a present level of 55, early in 1971. Several programs, particularly basic studies, had to be dropped in favor of shorter range applied research and development programs. For the same reason no important changes in the already extensive physical facilities were required.

The heaviest emphasis during 1971 was on improvement of products and processes and the provision of specialized technical assistance. The program concerning development of new products and processes was also still important. The largest single project concerned product studies, mill trials and production assistance in bringing to commercial production in both Canada and the U.S. an exterior siding board of both primed and prefinished type. Other main areas for projects were studies on groundwood bleaching, chemical pulping, development of new fine papers and groundwood specialties, paper converting, pollution studies, and mechanical engineering. Interest was also revived in studies of de-inking and recycling, particularly for newspapers and similar waste.

DUNLOP RESEARCH CENTRE

A 36-member staff in Dunlop's North American Research Centre prepares and evaluates new materials ranging from elastomers and plastics to reinforced composite materials. Their research program is closely coordinated with that of the parent research centre in the U.K., and Dunlop's other research centres in Germany, Japan, Ireland and Malaysia.

The Chemical Research Group is involved in organic synthesis in support of network crosslinking studies, the Materials Group characterizes the chemical and physical properties of research stage materials, and the Polymer Sciences Group studies the interaction of the chemical structure and the physical properties of polymers.

Since Dunlop's invention of EPDM rubber, currently in large-scale commercial production, patents have been received for polyalkylene sulphide polymers (Thiamers) and, in addition, certain special latices have been developed.

COMINCO LTD.

Cominco's Product Research Centre is the largest facility of its kind exclusively devoted to research on end uses for lead and zinc, the company's chief metal products. As well as studying the basic properties of these two metals, other research programs develop ways of using lead and zinc more effectively in new and existing products. Through a planned system of technical research, market analysis and product innovation, the Product Research Centre is able to develop new products and assess their potential commercial success in the marketplace.

In addition to these functions within the company, the Centre offers the same facilities and programs to other organizations through Cominco's contract research services. Use of these services extends to other organizations a means of expanding or complementing existing research programs on a contract basis.

The Centre's facilities include corrosion and chemical analysis labs, metallographic facilities, design offices, mechanical testing equipment, a sound test chamber, an X-ray diffraction unit, a creep station room, a metal finishing laboratory and a technical library. The laboratory's computer centre is programmed to assist a variety of research projects.

A 6,000 square foot metal workshop for pilot plant research and fabrication is connected to the main two-storey building. Facilities include extrusion presses, a die casting machine, a galvanizing line, metal melting and alloying equipment, a semicontinuous zinc billet caster, billet cropping and cutting equipment and a machine shop.

Several significant new products have been developed at Cominco's Product Research Centre since its inception in 1964. Many have been carried to the pilot-plant stage. The Sheald continuous-cast thin lead sheet and zinc forging processes are commercial examples of research activity. A new zinc gravity casting alloy and a new decorative metal product, Decraloy, are in the process of being commercialized. Other work presently under way includes projects on machinability, lead-acid batteries, superplastic zinc, and zinc extrusion.

GULF OIL CANADA LIMITED

Gulf's Sheridan Park laboratory conducts the company's research and development programs in the fields of new petroleum, petrochemical and specialty products, as well as additional end uses of existing products and the development and improvement of processes.

All Gulf departments, including refining, marketing, petrochemicals and crude and product supply, utilize the scientific and technical capabilities of the

Sheridan Park laboratory in improving productivity through process optimization and cost reduction programs.

Facilities comprise laboratories devoted to analytical and chemical research, and petroleum and specialty product development, an engine fuel and lubricants research laboratory and a pilot plant building.

Gulf Canada was the first to establish in Sheridan Park and each year has added personnel and equipment to ensure that the company's products meet the requirement of the Canadian market.



INTERNATIONAL NICKEL COMPANY OF CANADA, LIMITED

Inco's J. Roy Gordon Research Laboratory, named after a distinguished Canadian scientist and former president of the company, is devoted to seeking better processes for extracting nickel and other metals from ore with due regard for the environment.

In the area of extractive metallurgy, modern equipment is provided for ore beneficiation, electrochemical, pyrometallurgical, hydrometallurgical, and vapometallurgical studies. The necessary analytical services are provided by modern chemical, X-ray and emission spectographic techniques.

Process research and innovation are extending Canada's natural resources by enabling the company to recover nickel and 15 other elements from low-grade ores which were considered rock only a few years ago.

MALLORY BATTERY COMPANY OF CANADA LIMITED

The Mallory Research Laboratory in Sheridan Park has been working for the past few years on improving cells to enable batteries to operate at low temperatures, and to operate at high rates. Both these characteristics are most important to commercial and military applications in Canada.

Basic and applied research concerns studies of electrochemical kinetics of porous electrodes, processes for obtaining porous structures by powder metallurgical methods, membrane phenomena, electrocatalysts, corrosion, and other related topics relevant to peformance of an electrochemical power source.

With the provision over the past three years of additional space and modern equipment, the new development group is now able to process the company's inventions through to the pilot plant production stage, preparing complete production specifications for new and improved products.

Mallory's Research and Development Laboratory has made significant contributions to the power source field since its inception eight years ago. Members of the research group have been awarded many patents, and have some 15 more awaiting issue. Significantly, many of their inventions have resulted in production and sales that have contributed to the economy of the country.

ONTARIO RESEARCH FOUNDATION

The Ontario Research Foundation is a "contractresearch" institute. It conducts research and development for industry and for government departments on a contract basis. Since ORF is a non-profit operation, fees charged for work done are designed to just recoup the actual cost of the work, including sufficient overheads to maintain the financial viability of the institute. All such work is undertaken on a confidential basis. In order to ensure the continuing availability in this Province of an up-to-date body of skills and equipment for the use of industry and government departments, the Ontario Government provides an annual grant to the Foundation.

Projects are initiated at the request of individual companies, or the Foundation may bring the research opportunities, which show promise of producing economic or social benefits to the community, to the attention of individual companies or government agencies. The Foundation's staff numbers about 280, of which about 80 per cent are technically qualified — scientists, engineers, technicians, etc. The 1971 annual budget was approximately \$5,000,000.

Projects undertaken range from testing and short-term investigations (including feasibility studies) to long-range product or process development. As a multidisciplinary organization, the Foundation's expertise covers many areas of scientific endeavour, including engineering, metallurgy, chemistry, textile science, physics, etc. A wide range of equipment is maintained at the Foundation for the undertaking of various types of research.

In the past decade, more than 3,500 individual companies have commissioned projects at the Foundation.

ORF's main laboratory building at Sheridan Park comprises 180,000 square feet. An additional 20,000 sq. ft. pilot plant, housing ore dressing and chemical pilot-scale equipment, came into operation in 1970. Because of the heavy volume of industrial work in these fields, a further 15,000 sq. ft. addition was made to this pilot plant in 1971.

WARNER-LAMBERT RESEARCH INSTITUTE

To meet government requirements in various countries of the world and also to protect the consumer, safety testing of ethical drugs, pharmaceutical proprietary products and cosmetics are tested at this Institute, a division of Warner-Lambert Canada Ltd.

Research scientists in conjunction with the National Research Council, are engaged in a continuing program of liver, pituitary, cardiovascular physiology and pathology. Electron microscopy and specialized biochemistry are the main tools used in this endeavour of research.

The laboratories are equipped with the latest modern recording devices and scientific apparatus.

ontario house

Britain's commitment to join the European Economic Community and the further progress towards this aim during 1971, emphasized the important role played by Ontario House, London, in helping the province's manufacturers to meet the challenge of entering, keeping and improving markets here during a shifting trading situation.

With a total of \$10 million in initial and immediately-pending orders taken by Ontario companies and their British agents through a program of exhibitions, sales mission visits and specialized promotional activity, organized by the Trade and Industry Division, there was no fall off in sales to what is still Ontario's largest single overseas market. Over 130 selling arrangements for Ontario companies in the U.K. market were completed.

Figures for the first nine months of the year show that Ontario exports to Britain increased by 8.9 per cent to total \$390.5 million. During the same period, fully manufactured goods also increased, this time by a hefty 25 per cent to \$57.5 million.

Ontario manufacturers are now being made aware of the fact that for the first time an English-speaking country will be inside the E.E.C., and because the Common External Tariff will be raised only in stages over the next four years, this gives them a considerable short-term advantage over exporters from other countries.

In a year of sustained activity the Trade and Industry Division organized participation in trade exhibitions covering engineering, building, and hardware products; set up business interviews for members of sales and product prospecting missions, and in total, had 216 visits from Ontario manufacturers for whom 668 separate business meetings were arranged.

A total of seven trade shows by individual companies covering products from furniture to jet engines, was held in the Ontario Display Centre at Ontario House, thus providing the advantage of a central London location for the province's companies who need facilities of this kind. Important leads worth nearly \$10 million were reported by one of the companies involved.

The Division also organized visits to the province by personnel of 17 British companies interested in buying or representing Ontario products in the U.K. market. Some 473 enquiries were forwarded to Toronto during the year from companies anxious to import and distribute Ontario-made products in the United Kingdom.

In the reverse direction, many British companies expressed serious interest in having their products made in Ontario — 217 through manufacturing licence arrangements, and by 16 joint venture agreements. Additionally, 55 companies showed keen interest in setting up branch plants in Ontario.

A full window display program — an important contribution to publicizing Ontario products, places and institutions in the U.K., saw the installation of 25 displays featuring over 50 Ontario companies, with industrial, commercial and food products, and the City of Hamilton.

Ontario House is also the U.K. base for other Ontario government departments including Tourism and Information, Agriculture and Food and there is a Selective Placement Section which, through its counselling service, matches up the specialized needs of Ontario employers with U.K. skilled and professional staff.

Contacts with tourist operators in the U.K., West Germany, the Netherlands, France, and Italy were further expanded by the special representative of the Department of Tourism and Information, based at Ontario House. His staff was strengthened by the addition of a travel information officer and among a varied program of promotional activity was a series of Ontario film shows to specialist tour organizers, and distribution of travel literature.





Britain remains in the lead as the country sending the largest annual total of visitors to Ontario. A new lower transatlantic air fare structure agreed during the year is bound to have a beneficial effect on numbers travelling from Europe to the province as tourists.

Britain's impending Common Market entry will greatly affect Canadian food exports to the U.K. Over a five-year transitional period, Canada faces a system of minimum import prices and variable levies on many agricultural products that will make exporting to the U.K. more difficult.

The Department of Agriculture and Food Branch at Ontario House kept abreast of events and emphasized to visiting food companies that there are still good possibilities for certain Ontario food products in the British market. An encouraging feature is that one or two were able successfully to establish in the market even against already operating import price controls.

Branch staff provided extensive market development assistance for companies and consumer promotion continued through a 10-company participation at the Ontario Food Council Stand, Ideal Home Exhibition, London, and through a product "launch" using the Ontario Display Centre.

The Agent General and his staff were active in maintaining and developing contacts at all levels between organizations in Ontario and the U.K. and Europe. These included government bodies, individuals, business corporations and industrialists; representation at trade fairs and official functions. The Agent General travelled widely in the U.K., Scandinavia, and Europe in carrying out these duties which included giving speeches before widely varied groups of people.

Public relations activities were completed by Information Services in support of all the Ontario House programs mentioned, and included coverage of specialized European trade events, provision of general information on the province, as well as press coverage during a special European business tour by the Honorable Allan Grossman.





In 1971, Women's Advisory Committee conferences were held in nine centres ranging from Sudbury and Ottawa to Parry Sound and Aurora, with an annual Provincial conference in Toronto.

New projects for the year included a series of newspaper articles by the Chairman, plus two conferences in French held in Ottawa and Sudbury.

Attendance at the conferences totalled 4,200. Capacity audiences were the rule in all centres and many requests were expressed to have conferences repeated in each area.

The question-and-answer period between the audience and the conference speakers proved the liveliest part of most conferences. These conferences bring government and industry and the women of Ontario together: the discussion period provides an opportunity to learn attitudes toward the government and its programs.

In each conference program, speakers from other government departments inform the audience of activities under way in many government areas which meet the needs and demands of the people of Ontario.

The entire conference program is planned to stir a greater awareness on the part of women as to their importance in the economy. The main theme of Women's Advisory Committee activities centres around the importance of women, their buying influence, and their necessary support of Canadian manufactured goods.

Practical support for the Ontario fashion industry is given through fashion shows promoting Ontario garment manufacturers. Buyers from shops in areas where conferences were scheduled were invited to attend in order to become acquainted with Ontario manufacturers' lines.

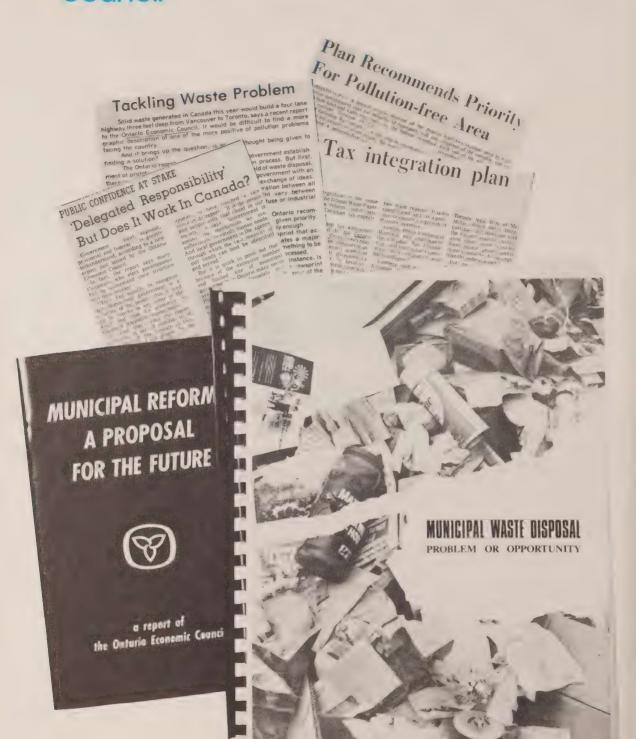
During the year the Chairman addressed other conventions including Kiwanis and Rotary International, and attended the World Conference of the Associated Country Women of the World in Oslo, Norway. This conference attracted more than 1,000 women, representing 56 countries.

In Sweden, the Chairman met with women of the Swedish parliament to discuss programs for women in Sweden.

The continuing series of newspaper articles of interest to Ontario women have discussed such topics as "Wise Supermarket Shopping", "Ontario Produce and Home Freezing", "Fibres, Finishes and Labels", "Ontario Vacationland".

This newspaper series appears regularly in 52 Ontario newspapers.

ontario economic council



1971 was a year of change for the Ontario Economic Council. W. H. Cranston resigned on March 31, after serving as chairman for some eight years. Dr. James Gillies took over as chairman on June 15, 1971.

During the year the council met on eight occasions. Pollution was an item of continuing concern for the council and on February 16, the council-sponsored study on urban waste disposal was released to the public. The council's attention subsequently shifted to the economic aspects of pollution.

On January 13, 1971, a report on municipal reform was released to the public.

These two reports, Municipal Reform: A Proposal for the Future, and Municipal Waste Disposal: Problem or Opportunity, were the only publications of council during 1971, although the council partially financed the Ontario Rideau-Trent-Severn Waterway Study released July 15, 1971.

Two council meetings were of special significance. In January, the annual joint meeting of the Ontario Economic Council and the Economic Council of Canada was held to discuss the ECC's Seventh Annual Review, "Patterns of Growth and Performance Potential." In November, Dr. Fleck, executive director of the Committee on Government Productivity outlined the COGP recommendations for the reform of the structure of the provincial government.

Tax reform in Canada was another item of continuing interest and a special council-sponsored tax forum was held in February, 1971.

The implications to Ontario and Canada of President Nixon's August 15 economic measures was of grave concern to the council. A series of meetings with academic economists and business and labor leaders was held in October in an attempt to assess the implications for Ontario of the U.S. action.

Work in the council's "Social Goals" program has progressed throughout the year.

MEMBERS OF THE ONTARIO ECONOMIC COUNCIL

ONTARIO ECONOMIC COUNCIL						
Dr. James Gillies	chairman; dean Faculty of Administrative Studies York University	Mrs. A. F. W. Plumptre	president Vanier Institute of the Family; past president Consumers' Association of			
David B. Archer	president Ontario Federation of Labour					
D. J. Collins	deputy minister Ministry of Industry	Carl A. Pollock	chairman of the board Electrohome Limited			
	and Tourism	Morgan Reid	vice-president			
J. Douglas Gibson	economic consultant		Planning and Development Simpsons-Sears Limited			
Rowland G. Hill	regional director International Union of Operating Engineers	L. Sefton	director, District 6 United Steelworkers of America			
Oakah L. Jones	chairman of the board The Consumers' Gas Company	W. H. Spicer	president and general manager Spicer's Tire Service Limited; vice chairman, board of			
T. S. Jones	vice-president Paper and Allied Products		governors, Confederation College			
	Anglo-Canadian Pulp and Paper Mills Ltd.	William R. Stadelman	president Ontario Research Foundation			
Prof. Stewart H. Lane	professor, Department of Agricultural Economics	R. B. Taylor	vice-president and treasurer The Steel Company of Canada			
Miss J. E. Leitch	University of Guelph economic adviser Canadian Imperial Bank of Commerce	W. Roy Thompson	industrial commissioner Ontario Northland Transportation Commission			
		Dr. W. Donald Wood	director			
Purvis Littlejohn	past vice-president Ontario Federation of Agriculture		Industrial Relations Centre Queen's University			



Information Services Branch provides public relations and promotion assistance for the department, its programs and services.

During 1971 these specific duties included detailed news releases on the department's many activities to press, radio and TV, as well as relevant trade papers and magazines. The Branch completed seven publications during the year among which were the booklets Statistics for Profit, Ontario Products for Export, Ontario Hotel Products for Export, Women and the Ontario Economy, Publications and Films, plus brochures for special events.

Five TV clips were distributed during the year, covering export of Ontario fur coats to Europe; the opening of Ontario Place; the department-sponsored Eedee Fashion Awards; the Ontario Conference on Economic and Cultural Nationalism; and on the Eedee Furniture Awards presentations in November. Branch personnel worked with the Prime Minister's office, assisting in press arrangements for the Ontario Conference on Economic and Cultural Nationalism.

Promotional material was prepared for display in the Canada Building, High Point, N.C., leading up to

the Fall Furniture Market at High Point. Ontario furniture and displays of the province will form part of a continuing promotion in the Canada Building on High Point's main street.

Information Services staff wrote and supervised the production of a 10-minute film on the services of the department and the opportunities for investing in the province. The film, in five languages, is used as an Ontario promotional piece by the department's 15 trade offices around the world.

The branch arranged press conferences to publicize departmental activities and also prepared and distributed news releases, feature articles, and advance material, often in a variety of languages, for use at foreign trade fairs in which the department participated.

Advance and continuing publicity was arranged for seminars in exporting and industrial development conducted in many Ontario centres. Similar assistance was given the Women's Advisory Committee conferences and meetings, held throughout the province.

PUBLICATIONS

Three Roads to Profit

Services for joint ventures, licensing and production arrangements, branch plants in Ontario. In English. French, German, Italian.

Ontario Industrial Review

Annual report of the Ontario Department of Trade and Development.

Our Man from Ontario

How the businessman can take part in the Ontario government's sales opportunity mission program to increase exports.

Exporter's Guide

Export services for the Ontario manufacturer.

Municipal Industrial Development Guide

Industrial promotion at the community level.

Ontario Products for Export

Directory of Ontario products for export and the companies that manufacture them.

Ontario Exports by Countries 1970

Ontario Exports by Commodities 1970

Statistical summaries of Ontario's export achievements, and re-exports, pointing to new marketing opportunities.

Ontario's Program for Licensing, Joint Ventures

Summary of the Ontario program to aid business expansion in international markets.

Ontario Engineering Services Abroad

Ontario government assistance to firms taking part in overseas engineering projects.

Ontario Hotel Products for Export

Ontario Furniture for Export

Ontario Exports Education Products

Products and services available from these three Ontario industries to the export market.

Women and the Economy

The Women's Advisory Committee

Pamphlets of the Women's Advisory Committee outline how Ontario women can aid the national economy through participation in conferences. (First-named also available in French.)

Sheridan Park Research Community

The operation, function and organization of Ontario's research community.

Ontario - Workshop of Canada

The province's economy, business and investment opportunities, its history, culture and people.

Ontario — Facts and Figures

Summary of the province's manufacturing, resources, energy, cultural achievements. In English and French.

Ontario Reading Guide

A listing of books and publications concerning the province's history, geography, natural resources, industries and economy.

PART SCHOOL DOWNS

Ontario Today

Industry, recreation and the people of Ontario are featured in this extensive tour of the province — 28 minutes.

The ODC Story

Services available to Ontario businessmen through the Ontario Development Corporation — 13 minutes.

Going for You

Services to businessmen from the Department of Trade and Development — 20 minutes

World of Opportunity

Details and services of the department available to businessmen. (For trade offices abroad) — 13 minutes.

A Place to Stand

Ontario's Oscar-winning Expo '67 film captures the province and its people with a spectacular use of multi-image photography — 18 minutes. Available in 70, 35 and 16 mm.

The Came to Build

Blends folk music and dances with beautiful landscapes to show how people from different lands brought their culture and heritage to build Ontario — 17 minutes. 35 and 16 mm.

Ontario Place

This new film describes Ontario's waterfront exhibition and entertainment complex — 15 minutes.

Ontario Day — Osaka

This film records the Ontario Day celebrations in song and dance featuring the sights of Expo '70 pavilion and the sounds of Lighthouse, Ontario's classical-rock orchestra — 27 minutes.

Publications are distributed free to businessmen and other interested groups or individuals. Films are loaned for the cost of return postage or express charges.

Contact:

Information Services
Ministry of Industry and Tourism
Hearst Block, Queen's Park
900 Bay Street
Toronto 182
Ontario, Canada
Phone (416) 965-5466

outgoing sales missions



New York - January 8

Canada Cabinets & Furniture Ltd., - Waterloo

Du Barry Furniture Ltd. — Toronto Galaxi Lighting Ltd. - Downsview Interiors International Ltd.

Toronto

Kaufman Furniture Ltd. - Collingwood

Reff Products Ltd. — Weston

Los Angeles — January 26

Harvey Woods Ltd. (Lingerie Div.) - Toronto Re-Investments - Toronto

Victor James Garment Co. Ltd. - Toronto

Etlin Cloak Co. Ltd. - Toronto National Knitting Mills Co. Ltd.

- Toronto Empire Pants and Boys' Wear Ltd. - Toronto

Wm. Frohman Fashions Ltd. - Toronto

D'Orlan Jewellers Ltd. - Toronto

Chicago --- February 7 McFarlane Gendron Manufacturing

Co. Ltd. - Toronto Puretex Knitting Co. Ltd. — Toronto John T. Hepburn Ltd. — Toronto Sebastian De Lorenzis Custom Furniture Ltd. — Galt

Graff Diamond Drilling Machines Ltd. — Weston

Canadian Tubular Elements Ltd. Downsview

K. K. Precision Parts Ltd.

Downsview

McInnis Equipment Ltd. - Windsor Commercial Print-Craft Ltd.

- Woodstock

Munich, Germany — February 14

Stratford Textiles Ltd. — Stratford Fleming Gray Ltd. - Galt Kaufman Footwear Ltd. — Kitchener Wellinger & Dunn Ltd. — Toronto C.C.M. (Div. of Seaway Multi Corp. Ltd.) - Weston

London - March 12

Fire Devices Mfg. Ltd. - Willowdale Abal Precision Tool Ltd. — Weston Acrolab Instrument Co. — Windsor Payton Associates Ltd. - Scarboro Advanced Transducer Systems Ltd. Toronto

Self Spray Chemicals Ltd. - Richmond Hill

L. J. Meier Co. Ltd. - Belleville

New York - March 21 Feldman Bros, and Wise Ltd.

- Toronto George Cluthe Mfg. Co. Ltd.

Waterloo House of Games Corp. Ltd.

Mississauga

Jayden Products Ltd. - London Rosedale Furniture of Fenelon Ltd. Fenelon Falls

The Extrufix Co. Ltd. — Don Mills

London — April 17

Teledyne Precision Ltd. — Toronto Barker-Mansell Ltd. - Oakville Progressive International Mfg. Ltd. - London

Ferrco Engineering Ltd. — Whitby Gulley Co. Ltd. - Scarborough Canadian Clyde Tube Forgings Ltd.

- Toronto Nicholson File Co. — Port Hope Nordic International

(Div. of Nordic Steel Prods. Ltd.) - Port Credit

Atlanta - May 9

International Travelware Products Ltd. -- Etobicoke MHV Industries Ltd. - Ottawa Roypac Ltd. -- Toronto

Sago Industries Ltd. - Burlington Will-Hart Ltd. - Scarborough Canadian Store Fixtures Ltd. - Weston

Minneapolis-St. Paul - May 18 GO Power Leisure Products Mfg.

Ltd. - Thunder Bay The Great Lakes Paper Co. Ltd.

- Thunder Bay Great West Timber Ltd.

Thunder Bay Canadian Car Fort William Division

- Thunder Bay Kakabeka Timber Ltd.

Kakabeka Falls

Multiply Plywoods Ltd. - Nipigon Port Arthur Shipbuilding Co.

- Thunder Bay

Precision Wood Cutting Ltd.

Thunder Bay

Unitized Mfg. Ltd. — Thunder Bay Woodale Lumber Products Ltd.

- Kenora

Cleveland — June 7

Arpeco Engineering Ltd. — Weston Par Foam Ltd. - Kitchener Smith & Stone Ltd. — Toronto General Production Devices - Scarborough

Blackwell Manufacturing Ltd. --- Weston

United Kingdom - June 18 The Brooks Mfg. Co. Ltd.

- Toronto

Canada Spool & Bobbin Ltd. - Walkerton

Eramosa Brass & Aluminum Ltd.

- Guelph Fanon Electronics of Canada Ltd.

- Toronto Garvey Corporation - Don Mills

Godfrey, MacSkimming & Bacque Ltd. - Toronto

La Belle Industries (Canada) Ltd. Don Mills

Norland-Jones Ltd. — Gananogue Sanitation Equipment Ltd. - Rexdale

Philadelphia — June 20

Anglo Traders Ltd. — Toronto Cinran Plastics Co. - London Glendale Mobile Homes Ltd. - Strathroy Maurer Furniture Mfg. Co. Ltd.

- Toronto Pleasant Ray Ltd. — Downsview

Melbourne --- August 2

Aero Environmental Ltd. - Toronto R-B Filters Ltd. — Toronto Blue Giant Equipment Canada Ltd. - Brampton Craig Bit Company Ltd. - North Bay Gulley Company Ltd. - Scarborough Dezurik of Canada Ltd. - Galt Shaw Almex Industries Ltd. Parry Sound Elliott Rubber and Plastic Ltd. - Elliot Lake Hamilton Gear and Machine Co. Industrial Tires Ltd. — Mississauga United Tire and Rubber of Canada Rexdale

Huntec (70) Ltd. - Toronto **Boston** — September 12

Lincraft Ltd. — Lindsay Linemen's Testing Laboratories - Weston Orli Metal Products Ltd. Downsview Ram Partitions Ltd. — Brampton Graphico Precision Works Ltd. - Scarborough

Italy and Yugoslavia ---September 24

W. D. Bray Rivet Co. Ltd. Gananoque Chemco Aquablast (York) Ltd. Scarborough Direct Digital Industries Ltd. Scarborough Eagle Machine Co. Ltd. - London Longford Equipment International - Toronto Major Pool Equipment Corp. (Canada) Ltd. - Oshawa True Tech Equipment Ltd. - Toronto

Stockholm — September 29

Belgium Standard Industries (Ontario) Ltd. - Waterloo George White & Sons Ltd. - London Pem Fountains Ltd. Richmond Hill Thomson-Gordon Ltd. — Hamilton Valeriote Electronics (Guelph) Ltd. — Guelph Williams Machines Ltd. --- Preston Watrous Industries International Ltd. Percy Lindzon Furs Ltd. — Toronto - Scarborough Precision Electronic Components (1971) - Toronto

Amsterdam and Brussels - October 1

Beach Foundry Ltd. — Ottawa Best Universal Locks Ltd. - Mississauga Dominion Tape of Canada Sales Ltd. - Cornwall Magline of Canada Ltd. — Renfrew Northern Piament Co. Ltd. -- Toronto Mobile Materials Handling Equipment Ltd. — Mississauga Wentworth Mould and Die Co. Ltd. — Hamilton Wellings Mint Ltd. — Rexdale

United Kingdom — October 15

Aircraft Appliances & Equipment Ltd. — Bramalea Byers-Bush Ltd. -- Mississauga Controls Company Canada Ltd. - St. Thomas D & S Corley — Islington General Production Devices - Scarborough George A. Herring & Associates Toronto Ontario Hardwood Products Ltd. Toronto Richmond Enterprises — Thornhill Thompson-Heyland Lumber Ltd. - Burk's Falls Webster Manufacturing (London) Ltd. — London

Los Angeles — October 17

Proto Mfg. Ltd. — Windsor Argus Mould & Tool Co. Ltd. Scarborough St. Lawrence Starch Co. Ltd. - Port Credit Pioneer Saws Ltd. — Peterborough Designed Precision Castings Ltd. - Brampton

Chicago - October 17

Allen Wood Products - Fenelon Falls Balthes Farm Equipment Mfg. Ltd. Tillsonburg Canada Spool and Bobbin Co. Ltd. - Walkerton Gunther Mele Ltd. - Brantford

Wyllie-Webb Co. Ltd. — Burlington

South America - November 5

A.M.B. Equipment Ltd. — Brampton Chipman Chemicals Ltd. - Hamilton Metrix Manufacturing Co. Ltd. - Toronto Moore Dry Kiln of Canada Ltd. - Brampton Space Optic Ltd. — Ottawa Tri-Canada Ltd. — Toronto Versatec Ltd. -- Toronto Welland Chemical of Canada Ltd. — Mississauga

Frankfurt --- November 5

Centaur Mfg. Co. Ltd. - Richmond Hill Foam Form Canada Ltd. - Scarborough Hallmac Ltd. — Hespeler In-Place Electronics Ltd. - Brantford Maple Roll Leaf Co. Ltd. - Windsor C. J. Power Automatic Tools Ltd. - Aiax David S. Reid Ltd. — Toronto Baltimore --- November 28

Acrospan Building Systems Ltd. - Burlington Marchant Bros. (Canada) Ltd. - Thornhill Polymer Corporation Ltd. — Sarnia Uniflex Industries Ltd. — Weston Universal Sections Ltd. - Scarborough

Boston — December 5

Apex Metals (Kitchener) Ltd. - Kitchener Canada Metal Co. Ltd. (Forgings Div.) - Scarborough Gamma Foundry Co. Ltd. - Richmond Hill Haley Industries Ltd. — Haley Station Mid Canadian Investment Castings Ltd. — Georgetown Payne Metal Enterprises Ltd. - Toronto Rapid Grip and Batten Ltd. - Toronto Steelmaster Tool Co. Ltd. - Windsor Strite Industries Ltd. — Hespeler Argus Mould and Tool Co. Ltd. - Scarborough

branch plants

Thirty-eight Ontario companies extended their manufacturing know-how and services in 1971, opening Branch Plants in the United States, the United Kingdom, Europe, the Caribbean and Australia, or authorizing companies in these areas to manufacture their products under Licensing Arrangements. Products ranged from modular homes to foamcoil mattresses, meat curing materials to geophysical instruments.

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Daymond Limited, Chatham

Alcan Design Homes Ltd., Woodstock

Nortex Products Co., Toronto Tri-Canada Limited, Toronto

Microsystems International, Ottawa

Griffith Laboratories Ltd., Scarborough

Ernst Leitz Canada Ltd., Midland Shepherd Casters Canada Ltd., Toronto

Noranda Mines Limited, Toronto

Barringer Research Ltd., Rexdale

O.S.F. Industries Ltd., Toronto

Heath & Sherwood Ltd., Kirkland Lake

Anthes Imperial Ltd., St. Catharines Husky Mfg. & Tool Works Ltd., Bolton

Daisy Decorative Products, Toronto

Lufkin Rule Limited, Barrie Canada Decalcomania Co. Ltd., Toronto

Laing Industries Limited, Etobicoke

Sternson Limited, Brantford

Sternson Limited, Brantford

Sabre Saw Chain (1963) Limited Burlington

Sparton Autocare, Ottawa

Beautiline Showcase Systems Downsview

Consolidated Computer Services Ltd. Toronto

Miles Laboratories Ltd., Rexdale

FOREIGN COMPANY

Certain-Teed Daymond Lake City, Iowa, U.S.A. Lear Siegler Inc. Santa Monica, Cal., Hawaii Stewart Oxygen Service (U.K.) Ltd.

Tri-Canada Inc., Buffalo, N.Y.

Microsystems International Brussels, Belgium

Griffith Laboratories (U.K.) Summercotes, Derby, U.K.

Ernst Leitz Ltd., Sandy, Utah, U.S.A.

Adjustable Caster Co. Philadelphia, Pa.

Noranda Aluminum Inc. New Madrid, Mo. Barringer Research Ltd.

Harpenden, Herts, U.K. O.S.F. Industries (International) Ltd. Old Bedhampton, Hanant, U.K.

Heath & Sherwood (1961) Ltd. Wallington, Surrey, U.K.

Beck & Co. (Meters) Ltd., London, U.K. Gasoline pumps

Husky Sales & Services Frankfurt, Germany

Daisy Decorative Prds. (Australia) Ltd. Curtains & drapes Darlinghurst, N.S.W., Australia

Weller Electric Ltd., Horsham, Sussex Measuring tapes & rules

Eagle Transfers Ltd., Lichfield, Staffs. Decals & pressure sensitive

Laing Industries 1966 (U.K.) Ltd. Borden, Hants.

Sternson Industries Ltd., London, U.K.

Sternson Limited, Sydney

Sabre Saw Chain Ltd., Brussels

Sparton Autocare S.P.R.L. Chaussee de Haacht Beautiline S.A., Neville

Consolidated Computer GmbH Frankfurt

Miles GmbH, Frankfurt

PRODUCTS

Polyethylene draining tubing

Modular homes

Metal cabinets & shelving Stainless steel piping, valves, etc.

Electronic components

Meat curing materials

Optical instruments Specialty furniture glides

Aluminum wire and cable

Geophysical instruments

Store fixtures

Drilling equipment

Plastic injection and moulting machinery

products

Housewares, hardware

Concrete coatings and sealants

Concrete coatings &

sealants Chain saws

Rustproofing finishes for cars

Showcase systems

Computer services

Pharmaceuticals

licensing abroad

ONTARIO COMPANY

Warren K. Cook Ltd., Toronto Ideal Fur Co., Toronto Harvey Woods Ltd., Woodstock Craft Sportswear Ltd., Toronto Metal Craft (1970) Ltd., Grimsby John Misener Marine and Equipment Ltd., Port Colborne Centaur Mfg. Co. Ltd., Richmond Hill

Beautiline Showcase Systems Downsview Beautiline Showcase Systems Downsview C. & C. Yachts. Port Credit B. & K. Machinery International Ltd. Toronto Kindred Industries Ltd., Midland

Stevens-Hepner Co. Ltd., Port Elgin DuBarry Furniture Ltd., Toronto Rothwell Perrin Ltd. (Universal Sections Ltd.), Toronto Blue Giant Equipment of Canada Ltd. Brampton Blue Giant Equipment of Canada Ltd.

Brampton

FOREIGN COMPANY

Norman Hartnell Ltd., London, U.K. Evered & Co. Ltd., Birmingham, U.K. K & Elsan Sewage Systems Ltd. London, U.K. Nefan Ticaret ve Sanavi Ltd. Sri. Istanbul, Turkey U.S.A. Tecnica Ltd. Rio de Janeiro, Brazil Silverwood & Bock Holdings Victoria, Australia Anstey Yachts Ltd., Poole, England Australian Consolidated Industries Corp., Sydney, Australia Sociedade Paulista De Artefatos Metalurgicos S.A., Sao Paulo, Brazil Sparta Brush Co., Sparta, Wis., U.S.A. Brushes Bunting Co., Philadelphia, Pa., U.S.A. Barna Buildings Ltd., Enniscorty, Ireland Tractel S.A., Bagnolet, France

Yasui Sangyo Co. Ltd., Tokyo, Japan

PRODUCTS

Suits and blazers Simulated fur coats Socks Leather coats Hospital equipment Sewage treatment plants for marine use Centi-Spark C.D. ignition

Showcase systems

Showcase systems

Yachts Machinery

Stainless steel products

Timber frame houses

Material handling equipment

Material handling equipment

trade shows & exhibits

International Home January New York Furnishing Fair February Munich International Winter Sports Fair ISPO London Interengineering April April Frankfurt International Fur Exhibition International Engineering August Melbourne Exhibition Technical Fair September Stockholm October U.S. Sailboat Exhibition Annapolis October Cologne SPOGA (International Sporting Goods) International Building November London Exhibition December E.M.S. Exhibition Boston

(Mfg. Services)





The following 126 new manufacturing establishments were among the major firms entering secondary manufacturing in Ontario in 1971. Companies listed employ at least 10 persons, occupy 5,000 square feet of manufacturing or assembly space, or have sales exceeding \$100,000 annually.

COMPANY	LOCATION	ORIGIN
ASM Manufacturing Company Electronic equipment	Charlottenburgh Township	Canada
Adams Knitting Co. Ltd. Pyjamas and undershorts	Acton	Canada
Bay Building Components Ltd. Building components — roof trusses and wall panels	North Bay	Canada
Bell Aerospace Canada, Division of Textron Canada, Ltd. Air cushion vehicles	Grand Bend	Canada
Best Form Brassiere Co. Ltd. Brassieres	Cornwall	Canada
Bon-A-Wood Industries Wood mounts for printing trade; drafting tables	Alliston	Canada
Bonded Products Canada Limited Compressed air line filters and noise silencers	Windsor	United States
Boutique Bagatelle Inc. Ladies' sportswear	Charlottenburgh Township	Canada
Brooklin Concrete Products Limited Precast concrete, septic tanks, patios, steps and curbs	Huntsville	Canada
Buck-Ram Diversified Limited Hand-woven scatter rugs	West Lincoln Township (Smithville)	Canada
Campbell Films Ltd. Polyethylene film	Orillia	Canada
Canada Surgeons' Gloves Limited Latex rubber gloves	Ajax	Canada
Cellex Building Products Corporation Limited Cellular concrete building products and components	Hamilton	Canada
Centenary Manufacturing Company Ltd. Fibreglass truck camper tops	Stirling	Canada
Centre Moulded Plastics Limited Moulded plastic products	Barrie	Canada
Century Systems Limited Steel door frames, hollow metal frames and metal fabrication	Ajax	Canada
Chalet Wafers Limited Sugar ice wafers	Waterloo	Canada
Control Data Canada, Limited Design and manufacture computer systems and related equipment	Mississauga	United States
Cor-Mag Limited Magnetic cores	Burlington	Canada

COMPANY	LOCATION	ORIGIN
Cummings Signs International of Canada Ltd. Signs of metal and plastic	Chinguacousy Township (Bramalea)	United States
Curtis Industries of Canada Ltd. Automotive hardware and fastening devices	Metropolitan Toronto	United States
Dalton-Good Limited Travel homes and commercial trailers	Tilbury	Canada
Decimetric Limited Machinery for plastics, metalworking, wire and cable industries	Mississauga	Canada
Diadal Manufacturing Co. Ltd. Tennis and squash rackets	Metropolitan Toronto	Canada
Doma Buildings Limited Modular shelter systems and prefab dome structures	Guelph	Canada
Dominion Wire Products Parking brake assemblies	Tillsonburg	Canada
Domtar Construction Materials Ltd. Non-combustible roofing material	Cornwall .	Canada
Drew Foam of Canada Limited Styrofoam insulation	Brantford	Canada
Drummond Business Forms Ltd. Continuous and snap-out forms	Orangeville	United States
Duny Machine Limited Screw machine products	Burlington	Canada
Duraglas Limited Scientific and pharmaceutical glassware	Cobourg	Canada
Earlton Manufacturing Company Ltd. Mobile camping trailers	Earlton	Canada
Ecstall Mining Ltd. Zinc metal and sulphuric acid	Hoyle Township (Timmins)	United States
Edencurra Steel Structures Limited Hollow tubular sectional buildings	Thamesford	Canada
Electrical Contacts Limited Electrical contacts	Hanover	Canada
Electro-Link Systems Limited Complete wiring systems for modular building units	Metropolitan Toronto	Canada
European Meat Products European style sausages and delicatessens	Niagara Falls	Canada
Felton International Inc. Flavours and essential oils for food industry; perfume compounds	Metropolitan Toronto	Canada
Fiber-Coat Manufacturing Limited Nylon fibre coated wall panelling	Tillsonburg	Canada
G & B Hydraulic Equipment Truck hoist bodies and hydraulic equipment	Tillsonburg	Canada

COMPANY	LOCATION	ORIGIN
Galaxy Pallets Wooden pallets, skids, boxes and pre-cut lumber	West Lincoln Township (Smithville)	Canada
General Crane Industries Ltd. Mobile hydraulic tower cranes	London	Canada
Germantown Mfg. (Canada) Ltd. Stabilizers for the food industry	Metropolitan Toronto	United States
Hamilton Pallet Company Limited Wooden pallets	Hamilton	Canada
Hanson Yarn Mill Ltd. Yarn	Renfrew	Canada
Hoke Controls Limited Flareless tube fittings	Oakville	United States
Husky Steel Boat Company Steel boats	Whitby	Canada
Imperial Bake-N-Serv (Eastern) Ltd. Frozen bread and rolls	Cobourg	Canada
Instant Shelter Canada Ltd. Collapsible travel trailers	Windsor	Canada
Intercraft Industries of Canada Ltd. Gold, wood and plastic picture, mirror and tray frames	Metropolitan Toronto	United States
International Woodworking Ltd. Handcrafted rustic cedar furniture	Wiarton	Canada
Jarvis Clark Company Limited Mining machinery	North Bay	Canada
Joyce-Cridland of Canada Limited Service station hoists and ramps	Metropolitan Toronto	Canada
Kascote Marble Products Simulated marble vanity tops, table tops and fireplace facings	Cornwall	Canada
Kobi Process Equipment Limited Stainless steel fittings	Mississauga	Canada
Koolrad Design and Mfg. Co. Ltd. Transformer coolers; specialized welding and fabrication	Whitby	Canada
L. A. Rubber & Plastics Limited Rubber covered rolls and lining of tanks	Hamilton	Canada
Leisure Dynamics of Canada Craft and hobby products	Metropolitan Toronto	United States
Lincoln Woodworking Company Wood moulding and doors	Beamsville	Canada
Lucky Legs Limited Sportswear	Alexandria	Canada
Lukian Plastics Closures & Bottles Co. Ltd. Bottle closures and caps for food and cosmetic industries	Metropolitan Toronto	Canada
Lumonics Research Limited Laser beams	Ottawa	Canada
Lynwood Upholstery & Furnishing (Canada) Decorative cushions and custom-made draperies	Cornwall	United Kingdom

COMPANY	LOCATION	ORIGIN
Magnesium Company of Canada Ltd. Magnesium cathode rods	Metropolitan Toronto	Canada
Manoir Knitting Inc. Knitted fabrics	Cornwall	Canada
Maple Leaf Candle Company Original handcrafted decorative candles and holders	Niagara Falls	Canada
Mariposa Furniture Mfg. Inc. Living room furniture	Orillia	Canada
Marsan Foods Limited Frozen entrees for institutional and consumer markets	Metropolitan Toronto	Canada
Matchless Manufacturing Company Metal stampings and assemblies	Windsor	Canada
McCarthy & Robinson (1966) Ltd. Replacement elements for industrial air and liquid filters	Metropolitan Toronto	Canada
Andrew McNiece Ltd. Footwear	Preston	Canada
Medisol Industries Limited Kidney machine chemicals	Whitby	Canada
Mentor Dynamics Limited Design, produce and install material handling equipment and conveyors	Waterloo	Canada
Meszaros Mfg. & Sales Co. Ltd. Silver polish and other household cleaning products	Metropolitan Toronto	Canada
Mining Machinery & Equipment Ltd. Steel fabrication for mining industry and industrial plants	North Bay	Canada
Mobil Chemical Plastics Canada, Ltd. Polyethylene packaging	Belleville	United States
Modern Laminates Limited Extrusion coating and laminating of paper materials	Mississauga	Canada
Mohawk Canoe Manufacturing Ltd. Non-sinkable aluminum canoes	Tillsonburg	Canada
Morgan Adhesives of Canada Ltd. Pressure sensitive adhesive household articles and automotive parts	Mount Forest	Canada
Motorola (Ontario) Limited Colour television receivers	Markham	Canada
Mr. Slax of Cornwall Limited Slacks for men, women and children	Cornwall	Canada
Mytolon Chemicals Limited Polymer-based products	Oakville	Canada
Niagara Mist Cosmetics Ltd. Custom packaging	Niagara Falls	Canada
Nordex Explosives Limited Slurried explosives	Boston Township (Dane)	Canada

COMPANY	LOCATION	ORIGIN
Nortrac Manufacturing Limited Over-the-snow vehicle	Arnprior	Canada
Nortron Industries Limited Electric thermostats and electric heating units	Metropolitan Toronto	Canada
Oxyplast Limited Epoxy powder coatings	Mississauga	Canada
Pacific Patterns Moulds, vacuum-forming dies and wood, metal and plastic patterns	Galt	Canada
Poly-Converters Limited Plastic polyethylene film	Hamilton	Canada
Polymer Corporation Limited Building Systems Division Reinforced concrete modular housing	Milton	Canada
Promo Products, Division of Binder Tool and Mold Limited Plastic injection moulders	Sandwich South Township (Windsor)	Canada
Quality Enterprises Co. Plastic injection moulding	Wallaceburg	Canada
Questor Juvenile Products, Ltd. Baby furniture and supplies	Metropolitan Toronto	United States
Quexoil Limited Cedar leaf oil	Cobden	Canada
Ravens Trailers, Division of Alforge Metals Corporation Limited Aluminum flat-bed and dumping trailers	Mississauga	Canada
Reliance Products Ltd. Injection moulded containers; tent pegs	Metropolitan Toronto	Canada
Rosite Canada Limited Polyester fibreglass reinforced insulators	Elmira	United States
Royal Homes Limited Modular homes	Wingham	Canada
Ruscoe Control Ltd. Fire alarm control systems and emergency lighting systems	Metropolitan Toronto	Canada
Rycoline Solvent & Chemical (Canada) Limited Graphic arts chemicals	Metropolitan Toronto	United States
Elliott J. Saunders Limited Children's sleepwear	Dundas	Canada
Shuffleboard International Ltd. Table-type shuffleboard	Renfrew	Canada
Simplicity Products Limited Assembly and paint finishing of washing machines	Galt	Canada
Sivaco Ontario Ltd. Welded wire mesh and straight wire rod	Ingersoll	Canada

COMPANY	LOCATION	ORIGIN
Speidel, Division of Textron Canada Limited Watch bracelets	Goderich	United States
Sprucedale Lumber Company Limited Lumber, chips and sawdust shavings	Eilber Township (Mattice)	Canada
Starcraft Recreational Products Ltd. Low-profile camp trailers	Listowel	United States
SunKamper Trailers Limited Camping trailers	Paris	Canada
Sunspot Plastics Incorporated Recreational products and industrial vacuum forming in plastic and foam	Metropolitan Toronto	Canada
Techform Products Limited Automotive door locking rods	Penetanguishene	Canada
Thornridge Manufacturing Limited Custom-made furniture and millwork	Markham (Thornhill)	Canada
Tilbury Rods and Wire Specialties Ltd. Custom formed wire and rod products	Tilbury	Canada
Total-Air Systems Limited Air filters	Burlington	Canada
Tow Hitch Canada Limited Trailer hitches	London	Canada
Transcan Custom Homes Limited Prefabricated homes	Kenora	Canada
Tricot-2 Division of Mohawk Mills Ltd. Double-knit materials from spun filament yarns	Brantford	Canada
United Tire & Rubber Mfg. (Toronto) Limited Specialized and off the road tires	Cobourg	Canada
Versatile Machine Tools & Mfg. Co. Tools, dies, fixtures, small stampings and machining	Windsor	Canada
Vogue Plastics Limited Vacuum formed plastic products	Metropolitan Toronto	Canada
Westinghouse Canada Limited Electronic products	Burlington	Canada
Whitefish Pallet Co. Limited Mine products — ladders and pallets	Whitefish	Canada
Wholesale Homes Limited Prefab housing units	Blind River	Canada
Wilcorp Manufacturing Limited Ceiling fans	Metropolitan Toronto	Canada
Wil-Dex Unit of Ex-Cell-O Corporation of Canada, Limited Standard tool holders, cartridges and carbide inserts	Clinton	Canada
XYZ Paint Company Limited Industrial paints	Galt	Canada
YKK Zipper Co. Canada Ltd. Zippers of nylon and polyester	Metropolitan Toronto	Canada
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joint ventures

Ten joint ventures were negotiated in Ontario in 1971. Joint ventures unite Ontario industrialists or financial interests with persons or companies inside or outside the province to have their products manufactured in Ontario by a jointly owned company.

COMPANY	LOCATION	PRINCIPALS
Carrol, Reed & Scintrex Ltd. Electronic distance measuring device "AKKURANGER"	Concord	Scintrex Ltd. Concord Carrol & Reed Ltd. Scarborough
Decalock Limited Plastic door latch mechanism	Metropolitan Toronto	E. I. Dupont Delaware, U.S.A. Decalock Limited Toronto
Dixon Red Devil Limited Painters and glaziers tools, machines and hardware specialties	Metropolitan Toronto	Red Devil Tools New Jersey, U.S.A. Dixon Brush Toronto
Dravo Manufacturing Ltd. Environmental control equipment	Niagara Falls	Dravo of Canada Ltd. Toronto Fox Holdings Ltd. Welland
John A. Kennedy Health Supplies Ltd. Hospital beds and finishings, examining tables, bedside and overbed tables etc.	Metropolitan Toronto	(1) Kimura Tokyo, Japan (2) C. Itoh Sales Co. for Kimura (3) A. D. Holt Downsview (4) John C. Wong Consultants Ltd. Toronto
Leecraft Industries Ltd. Indicator lamps and sockets for the electronic industry and the appliance market	Richmond Hill	Leecraft Mfg. Co. Inc. New York, U.S.A. Lake Engineering Co. Ltd. Scarborough
Nelmanco, Ltd. Specialty stampings and metal fabrications	Ajax	Unistrut of Canada Ltd. Agincourt Nelmanco, Ltd. Scarborough
Nova Lasers Systems Ltd. Lasers	Windsor	Nova-Thermotronics Inc. Ohio, U.S.A. Morgan Precision Tool Ltd. Windsor
Quantron Ltd. Electronic scales	Metropolitan Toronto	Rune Flinth AB (Safelink AB) Sweden M. J. Karpa Toronto
Webster Air Equipment Limited Air compressors	Malton	Grasso-Nami Holland Canadian Curtiss-Wright Ltd. London

manufacturing arrangements

A total of 140 licensing arrangements were reported by Ontario companies in 1971 in their pursuit of additional products and diversification.

LICENSEE	LICENSOR	PRODUCT
A. B. C. Structural Concrete Limited Brampton	David Pritzker & Associates Inc. Santa Monica, California	Precast, prestressed concrete tanks for liquid and granular products
Abrex Specialty Coatings Limited Oakville	Service Coatings Incorporated Harvey, Illinois	Vinyl solution coatings
Abrex Specialty Coatings Limited Oakville	DeBeers Laboratories Inc. Chicago, Illinois	Debron Non-stick coating
J. C. Adams Company Limited Orangeville	C. R. C. Chemicals Dresher, Pennsylvania	Lubricants
Aircraft Appliances & Equipment Ltd. Bramalea	The Sheffer Corporation Cincinnati, Ohio	Air and hydraulic cylinders
Allcoat Limited Scarborough	Standard T. Chemical Co. Inc. Chicago, Illinois	Specialty — industrial finishes
Aluminum Goods Limited Toronto	Mayflower Vapor Seal Corporation Little Ferry, New Jersey	Aluminum floating vapour seal deck for closed cone roof petroleum storage tanks
Ames Crosta Mills (Canada) Limited Downsview	Ajax International Corporation Santa Barbara, California	Reverse osmosis water treatment products
Ampex of Canada Limited Rexdale	Jubilee Record Company New York, New York	Records and tapes
Ampex of Canada Limited Rexdale	Tamla-Motown Record Corporation Detroit, Michigan	Records and tapes
Ampex of Canada Limited Rexdale	MIO International New York, New York	Records and tapes
Ampex of Canada Limited Rexdale	Pentagram Record Company New York, New York	Records and tapes
Ampex of Canada Limited Rexdale	Brunswick Record Company New York, New York	Records and tapes
Anro Electronic Industries Limited Downsview	Magnetic Devices Limited Newmarket, England	Relays, solenoids and timers
Arbeck Industries Scarborough	E. H. Hubbard Chicago, Illinois	Pneumatic conveying system
Armalite Company Limited Toronto	Cee Bee Inorganic Chemicals Division, Chemetron Corporation Cleveland, Ohio	Aircraft maintenance products
Armalite Company Limited Toronto	Northwest Inorganic Chemicals Division, Chemetron Corporation Cleveland, Ohio	Chemical Cleaners
Armor Elevator Canada Limited Pickering	Orenstein and Koppel AG Dortmund, West Germany	Escalators

ICENSEE	LICENSOR	PRODUCT
he Arrco Saxon Company Malton	Donje Calthemes Inc. Los Angeles, California	Rubberized Figurines
A. and R. Fun Products Limited Melbourne	Fleet Products Incorporated Los Angeles, California	Park and recreational fun boats
ASM Manufacturing Co. Cornwall	E D O (Canada) Ltd. Cornwall, Ontario	9040 depth sounder and associated equipment
tlas Steels Company Velland	F. T. E. Technika Sophia, Bulgaria	Coated graphite electrodes
urora Plastics of Canada Limited lexdale	M. C. A. Entertainment New York, New York	Glow Monsters
urora Plastics of Canada Limited Rexdale	A. Eddy Goldfarb and Associates Northridge, California	Can Doo game
urora Plastics of Canada Limited Rexdale	American Broadcasting Corporation New York, New York	Rat Patrol hobby kit
urora Plastics of Canada Limited exdale	American Broadcasting Corporation New York, New York	Sea view submarine
utomac Ltd. /eston	Rodgers Machinery Mfg. Co. Inc. Los Angeles, California	Panel saws
abcock and Wilcox Canada Limited alt	AB Rosenblads Patenter Tumba, Sweden	Evaporation equipment for pulp and paper industry
ardeau Limited Jownsview	Sephico Helios Co. Pty. Ltd. Botany, Australia	Catering appliances
arnes Pumps of Canada Limited lississauga	Peabody-Barnes Mfg. Co. Mansfield, Ohio	Pumps and water systems
asic Hydraulics and Industrial quipment Limited Jelland	VFW Fokker GmbH Bremen, West Germany	Extended telescoping aerial work platforms
lack Clawson-Kennedy Limited wen Sound	S E M Maskinfirma Oslo, Norway	Concrete pump
utler Metal Products Co. Ltd.	Shell International Research Maatschappi, Holland	Plastic billets and press formed plastic articles
anada Plastic Containers Ltd.	Cope Awlman International Ltd. London, England	Ejectorat lipstick filling machine
anadian Engineering Mfg. Ltd. iagara Falls	Reynolds Metals Co. Cleveland, Ohio	Metal working machinery
anadian Radio Control Electronics Co. hornhill	Orbit Electronics Inc. Santa Anna, California	Radio control systems for model control
anadian Seating Company Limited pronto	Vecta Inc. Kalamazoo, Michigan	Educational and contract furniture
anadian Wallpaper Manufacturers oronto	Viacom Enterprises New York, New York	Terry toon character wallcovering
earson Luggage of Canada Limited	Ventura Travelware Inc. Long Island, New York	Ventura luggage

LICENSEE	LICENSOR	PRODUCT
Centenary Manufacturing Co. Ltd. Stirling	Custom Hardtops Division of Custom Fibre Glass Mfg. Co. Inc. Long Beach, California	Truck camper tops
N. W. Clayton Company Limited Guelph	Parker Industries Inc. Silver Lake, Indiana	Hump T Dumper refuse dumper hydraulic lift gate
Commercial Filters Canada Ltd. Toronto	Euroflow Systems Ltd. Poole, Dorset, England	Filtration equipment
Commercial Filters Canada Ltd. Toronto	The Carborundum Co. Solon, Ohio	Falls brand-tube and shell graphite heat exchangers
Conway Electronic Enterprises Ltd. Weston	Metronex Warsaw, Poland	Precision electrical and electronic measuring instruments
The Copp Clark Publishing Company Toronto	E. S. Lowe Co. Inc. Long Island City, New York	Games
Dalex Manufacturing Limited Toronto	Norman Fletcher Developments Ltd. Burntwood, England	Fibreglass boats
Dalton-Good Limited Tilbury	Good Manufacturing Inc. Constantine, Michigan	Travel Homes
Danforth Marketing Systems Toronto	Litton Business Systems Inc. New York, New York	Perforating stamp design
Danline Canada Limited Almonte	Newark Brush Company Kenilworth, New Jersey	Wire brooms for power road sweepers
Danline Canada Limited Almonte	American Snowblast Corporation Denver, Colorado	Rotary snowblowers and attachments
Du Barry Furniture Limited Toronto	Bunting Company Inc. Philadelphia, Pennsylvania	Modern Seating
Darsey Electronics Marketing Ltd. Richmond Hill	Vari-Tronics Company Azusa, California	Refurbishing of cords and connectors
Davis Controls Limited Toronto	Sprecker and Schuh Switchgear Manufacturing Company Aran, Switzerland	Motor control
Dufferin Precast Company Toronto	David Pritzker & Associates Inc. Santa Monica, California	Precast, prestressed concrete tanks for liquid and granular products
Dufferin Steel Limited Rexdale	Wisconsin Foundry and Machine Co. Madison, Wisconsin	Concrete Pipe Machines
Earlton Manufacturing Company Ltd. Earlton	Boler Manufacturing Limited Winnipeg, Manitoba	Fibreglass trailers
Eastern Steel Products Ltd. Preston	Applied Engineering Co. Orangeburg, South Carolina	Propane-air utility & packaged plants, LNG satellite plants, cryogenic vaporizers plants for production of H ₂ N & CO ₂
Enviroguard Products Limited Richmond Hill	British Barkefeld Filters Limited Tunbridge, Kent, England	Sterasyl Water conditioners
E. S. & A. Robinson (Canada) Ltd. Foronto	Guardian Packaging Corporation Newark, California	Technical and production for silicone treated web and saran coated high impact polystyrene web

LICENSEE	LICENSOR	PRODUCT
Fiberez Corrosion Moulding Products Limited Cornwall	Foam Form Canada Limited Toronto	Hollow polystyrene block for forming concrete
Galt-Canadian Woodworking Machinery Limited Galt	Research Engineering Co. Addison, Illinois	Refuse shredder
Gaylord-Continental Bramalea	Gaylord Industries Lake Oswego, Oregon	Gaylord Grease Extractors
Gilson Manufacturing Company Ltd. Guelph	United Pollution Control Vancouver, B.C.	Commercial and household garbage compactors
Gran-al Industries Limited Welland	U.S. Bronze Powders Inc. Flemington, New Jersey	Processing of aluminum powders
Greb Industries Limited Kitchener	Chaussures Andre Paris, France	High frequency process in shoe manufacturing
Grew Limited Penetanguishene	A. M. F. Alcort Inc. New York, New York	Hilu outrigger sailboat
Heath & Sherwood (1964) Limited Kirkland Lake	Mitsubishi Metal Mining Co. Ltd. Tokyo, Japan	Machines/systems for copper smelting and refining
Hudson Sportswear Manufacturing Toronto	Seaton Hall Incorporated Boston, Massachusetts	Ladies sportswear
Hydraulic Power Corporation Ltd. Ajax	Daniels-Hamilton Ltd. Stroud, Gloucestershire, England	Hydraulic Press
Industrial Process Equipment Bolton	Interrad Corporation Greenwich, Connecticut	Gema electrostatic powder spraying equipment
Instant Shelter Canada Limited Windsor	William J. Flajole Detroit, Michigan	All weather camping trailer
Galt-Canadian Woodworking Machinery Limited Galt	Micor Group London, England	Carbide Tipped Saws
International Rectifier Canada Ltd. Scarborough	Gorn Connector, Division of Positronic Industries Inc. Springfield, Missouri	Sub-minat. and minat. rack'n-panel, H-board, PCB, and
Iroquois Chemicals Limited Cornwall	Freeman Chemical Corporation Port Washington, Wisconsin	Complete range of Urethane resin formulae
Irwin Toy Limited Toronto	Topper Toys Incorporated Elizabeth, New Jersey	Dress up doll
Irwin Toy Limited Toronto	Topper Toys Incorporated Elizabeth, New Jersey	Sesame Street puppets
John T. Hepburn Toronto	Canadian Ingersoll-Rand Company Limited Montreal, Quebec	Mine hoist equipment
Johnson Paterson Williams Ltd. Toronto	Mil-Pac Systems Inc. Plainfield, New Jersey	Shredder-compactor for apartments
Kleenaire Equipment Limited Toronto	Sound Attenuators Limited Colchester, England	Sound attentuators

LICENSEE	LICENSOR	PRODUCT
Lakesport Boats Ltd. Toronto	Peer Brunn Espergaerde, Denmark	Flipper scow
Laidlaw-Goodwood Industries Limited Weston	Trifax Industries Limited Toronto, Ontario	Mitre wood
Lawrence Industries Limited Hamilton	William N. Nugent and Company Inc. Skokie, Illinois	Liquid filters
Lighting Dimension Limited Mississauga	Astrolite Corporation Chicago, Illinois	Electrical lighting fixtures
Mr. Edmund Ma Toronto	Mr. J. L. Olynick St. Catharines, Ontario	Educational toy — Match and Mate Whiz Quiz
MacDonald Steel Limited Preston	C. P. Lewis Garage and Machine Shop Corvallis, Oregon	Lewis safety non-sway trailer hitch
MacDonald Steel Limited Preston	Stoutco Inc. Bristol, Indiana	Stoutco steel frames for recreational vehicles
MacDonald Steel Limited Preston	Jacksonville Blow Pipe Company Jacksonville, Florida	Montgomery solid waste reduction equipment
MacDonald Steel Limited Preston	Ernest De Lorme & Associates Ltd. Preston, Ontario	Modular storage system for asphalt and concrete batching plants
Marr Electric Limited Cooksville	Jefferson Electric Bellwood, Illinois	Dry type transformer
Meszaros Manufacturing & Sales Toronto	W. J. Hagerty (Canada) Limited Toronto	Silver polish household cleaners
Milltronics Limited Peterborough	Cartner Group Limited Slough, Middlesex, England	Particle size analyser
Milltronics Limited Peterborough	Raytheon Company Lexington, Massachusetts	Ultrasonic level measuring equipment and engineering
Milltronics Limited Peterborough	Holderbank Management and Consulting Limited Wildegg, Switzerland	Permeabilimeter
Morval-Durofoam Limited Kitchener	Harding Marine Products Fort Lauderdale, Florida	Portable toilet units "sani-jons"
Mulder (Canada) Limited Agincourt	Kolberg Manufacturing Corporation Yankton, South Dakota	Portable conveyors
McCarthy & Robinson (1966) Limited Scarborough	The W. W. Sly Mfg. Co. Cleveland, Ohio	Wet scrubbers
McCarthy & Robinson (1966) Limited Scarborough	Dollinger Corporation Rochester, New York	Air and gas filters
McInnis Equipment Limited Windsor	Taylor & Gaskin Incorporated Detroit, Michigan	Conveyor
McInnis Equipment Limited Windsor	Stanstead Filtration Ltd. Bishop's Stortford, Herts, England	Continuous cleaning bag filters
McNicol Stevenson Limited Scarborough	Marler Haley (Barnet) Limited Barnet, Herts, England	Demountable display and exhibition equipment
Napanee Industries Ltd. Napanee	Lucas Furnace Development Ltd. Wednesbury, Staffs, England	Incinerators

LICENSEE	LICENSOR	PRODUCT
North American Fibreglass Molding London	Mr. Ted Brewer Brooklyn, Maine	22' and 32' sailboats
North American Engineering London	Ecology Industries Inc. Little Ferry, New Jersey	Solid waste disposal equipment
Nortex Products Company Toronto	Lloyd C. Pollock Vermilion Bay, Ontario	Handi-Step
Ontario Drive and Gear Limited Kitchener	Erlendech GmbH West Germany	Styropor packaging machinery
Ontario Drive and Gear Limited Kitchener	Klaus Lehmann GmbH West Germany	Blister forming and packaging machinery
Pathex (Canada) Limited Toronto	Standard-Knapp Division of Emhart Corporation Portland, Connecticut	Packaging equipment
Pyrotherm Equipment Limited Burlington	Garver Davis Corporation Cleveland, Ohio	Waste disposal equipment
Penn Metal Products Co. Ltd. Weston	T. J. Cope Company Incorporated Subsidiary Cyprus-Mines Collegeville, Pennsylvania	Cable tray for electric wires
Pensteel Industries Limited St. Catharines	Drott Manufacturing Company Wausau, Wisconsin	Specialized industrial buckets
Rapid Data Systems & Equipment Ltd. Malton	AB Lamm Maskinaffar Stockholm, Sweden	Duplicating Machine
Rapid Data Systems & Equipment Ltd. Malton	MOS Calculation Limited Montreal, Quebec	Pocket calculator
Reil Industrial Enterprises Ltd. Weston	Boston Pneumatic Inc. Brooklyn, New York and Lahoma Industries Inc. Innis, Texas	Reciprocating air saw blade
Reliable Toy Company Limited Toronto	C and Z Investments Minneapolis, Minnesota	Rollup Miniboggans
Sago Industries Ltd. Burlington	Franz Lipowsky Vienna, Austria	Carbide tipped circular
Skene Boats Limited Ottawa	Atlanta Bootsbau Allgan, West Germany	Kolibri Sailboat
Sandtron Electronics Industries Ltd. Oakville	Fritz Kubler GmbH Schwenningen, West Germany	Electro-mechanical counters
Scintrex Limited Concord	Microdata Limited Edgware, England	Data logger and tape translation unit
Society for Crippled Civilians Toronto	Wagner Products Corporation Milwaukee, Wisconsin	Carpet sweepers
The Spiroco Company Limited Sarnia	Glas-Tec Incorporated Colon, Michigan	Wall enclosures
Sullivan Mill Equipment Limited Woodbridge	Rapids Machinery Company Marion, Iowa	Agricultural machinery
J. J. Taylor and Sons Limited Toronto	J. C. Rogers Leamington, Hants, England	32' Contessa sailboat

LICENSEE	LICENSOR	PRODUCT
T. M. C. (Canada) Limited Ottawa	Megadata (Computer and Communications Corporation Deer Park, New York	Computer products
Toronto Heel Limited Hamilton	P. M. B. s. p. a. Vigerano, Italy	Polyurethane Soles
Universal Sections Ltd. Scarborough	Dr. Whatanbee Tokyo, Japan	Machinery for the roll forming and simultaneous expansion of steel studs
Vagden Mills Limited Trenton	Arnold Palmer Enterprises Inc. New York, New York	Men's Hosiery
Vincent Kerrio-Germano Limited Niagara Falls	Harper Electric Furnace Corporation Lancaster, New York	High temperature atmospheric electric furnaces
Viscount Electronics Limited Whitby	Helmut Julinot/Technology Limited Toronto, Ontario	Electrical power generator
Visirecord Systems of Canada Limited, Toronto	A. D. M. Business Systems Limited London, England	Rotary files
Voyageur Diversified Industries Ltd. Virgil	Neal Industries Limited Montreal, Quebec	Three dimensional press-on decals
Voyageur Diversified Industries Ltd. Virgil	Mr. Siggy Puchta Toronto, Ontario	Miniature Canadian Wildlife sculptures
Vulcan Machinery and Equipment Ltd. Thunder Bay	Logma Limited Solna, Sweden	Delimber buncher
Wajax Limited Ottawa	Cascade Corporation Portland, Oregon	Articulated boom crane
Wilson Concrete Products Limited Belleville	Pritzker & Associates Incorporated Santa Monica, California	Precast, prestressed concrete tanks for liquid and granular products
Winchester Western (Canada) Ltd. Cobourg	Louis W. Bliemeister Los Angeles, California	Lead Shot Manufacturing process

new manufacturing arrangements completed with canadian patents & development limited ottawa ontario

LICENSEE	LICENSOR	PRODUCT
Dow Chemical of Canada Limited Sarnia	Canadian Patents and Development Ltd. Ottawa, Ontario	Dormant pelleted seeds
Ferrox Iron Limited Prescott	Canadian Patents and Development Ltd. Ottawa, Ontario	Agglomeration Process
Guildline Instruments Limited Smiths Falls	Canadian Patents and Development Ltd. Ottawa, Ontario	Improvements to High Voltage capacitance bridge
Jena Instruments (Toronto) Limited Scarborough	Canadian Patents and Development Ltd. Ottawa, Ontario	Test tube rinser
Lumonics Research Limited Ottawa	Canadian Patents and Development Ltd. Ottawa, Ontario	Capacitor laser

plant expansions

The 360 additions to plants in Ontario in 1971 cost a total of \$546,190,652. An additional 7,536 jobs resulted. These companies reported expansions:

A.R.C. Industries, Essex Abitibi Panel Products. Division of Abitibi Forest Products Ltd., Sturgeon Falls Acmetrack Ltd., Etobicoke Adams, S. D., Welded Products Ltd., Sault Ste. Marie Air Refiner (Canada) Ltd., Cornwall Aiax - Precision Manufacturing Co. Ltd., Weston Albany Pump Co. Ltd., Downsview Alcan Canada Products, Division of Aluminum Co. of Canada, Bracebridge Algoma Steel Corp. Ltd., The, Sault Ste. Marie Allen Wood Products Ltd., Fenelon Falls Allied Chemical Canada Ltd., Belleville Amhearst Woodworking Ltd., Mississauga Anderson Block & Tile Ltd., Thunder Bay Andrew Antenna Co. Ltd., Whitby Armalux Glass Industries Ltd., Etobicoke Arnone Cabinet & Builders Supplies, Thunder Bay ASEA Ltd., Mississauga Atlantic Packaging Co., Scarborough Atlas Copco Canada Ltd., Etobicoke Automatic Radio of Canada Ltd.,

A P Parts of Canada Ltd., Etobicoke

Scarborough BASF Canada Ltd., Cornwall Babcock & Wilcox Canada Ltd., Galt Bacardi & Co. of Canada Ltd., Bramalea Barrday Ltd., Galt Barton Distilling (Canada) Ltd., Collingwood Bay Beverages Ltd., Thunder Bay Beneke Industries Ltd., Rexdale Berkley Pump Co. (Canada) Ltd., Ajax Bestpipe Ltd., Kitchener Bicks Pickles, Division of R H Multifoods, Dunnville Bingley Steel Works, Cornwall Black & Decker Mfg. Co. Ltd., Brockville Blackford, H. L., Ltd., Etobicoke Boehmer Box Co., Kitchener Boise Cascade Home & Land Ltd., Hensall Bombardier (Ontario) Ltd., Barrie Bonato Cabinets & Millwork Ltd., Windsor

Bowes Co. Ltd., Colborne

Bradley, F. G., Co. Ltd., Etobicoke

Brayshaw Steel Ltd., Thunder Bay

British Drug Houses (Canada) Ltd., Toronto Brock Containers Ltd., Etobicoke Brown's Concrete Products Ltd., Sudbury Bruckmann Mfg. Ltd., Oakville Budd Automotive Co. of Canada Ltd., Kitchener Burlington Carpet Mills Canada Ltd., Bramalea Burns Foods Ltd., Kitchener

Cable Tech Wire Co., Stouffville Cadillac Plastic (Canada) Ltd., Etobicoke Campbell Soup Co. Ltd., Belleville Canada Machinery Corp., Kitchener Canada Packers Ltd., Toronto Canada Sand Papers Ltd., Plattsville Canada Trap Co. Ltd., Blind River Canadian Carborundum Co. Ltd., Niagara Falls Canadian Carling Breweries, Toronto Canadian Cold Forging and Coining Ltd., Windsor Canadian General Electric Co. Ltd., Peterborough Canadian General Tower Ltd., Galt Canadian Industries Ltd., Cornwall Canadian Industries Ltd., Vaughan Canadian Johns-Manville Co. Ltd., Scarborough Canadian Metal Rolling Mills Ltd., Mississauga Canadian Mist Distillers Ltd.. Collingwood Canadian Motor Lamp Co. Ltd., Windsor Canadian Research Institute, Don Mills Canadian Shipbuilding and Engineering Ltd., Thunder Bay Canadian Timken Ltd., St. Thomas Canadian Tyler Refrigeration Ltd., Canadian Vapotred Ltd., St. Catharines Capital Box Co. Ltd., Ottawa Carlton Cards Ltd., Twp. of Chinquacousy Champion Spark Plug Co. of Canada Ltd., Windsor Chance, A. B., Co. of Canada Ltd., Scarborough Chapleau Lumber Co. Ltd., Chapleau Charlescraft Corp. (Canada) Ltd., Chesebrough-Pond's (Canada) Ltd., Markham

Club House Foods Ltd., London

Compo Records (Ontario) Ltd.,

Cornwall

Columbia Custom Cabinets, Waterloo

Concept Furniture International Ltd., Etobicoke Cook Chocolate Co., Campbellford Cornelius Pools & Equipment, St. Catharines Corrugated Pipe Co. Ltd., Stratford Cosmos Chemlac Ltd., Port Hope Countryside Canners Co. Ltd., Tillbury North Curwood Packaging (Canada) Ltd., Georgetown Daal Specialties Ltd., Collingwood Daal Specialties Ltd., Windsor Davies Gelatine (Canada) Ltd., Scarborough Dayton Mfg. Co. Ltd., Windsor De Zurik of Canada Ltd., Galt Dome Petroleum Ltd., Sarnia Dominion Bridge Co. Ltd., Toronto Dominion Forge Co. Ltd., Windsor Dominion Foundries and Steel Ltd., Domtar Chemicals Ltd., Beachville Domtar Construction Materials Ltd., Toronto Douglas Engineering Co. Ltd., Dow Chemical of Canada Ltd., Sarnia Dunlea Plastics Co. Ltd., Scarborough Du Pont of Canada Ltd., North Bay Du Pont of Canada Ltd., Temagami Du Pont of Canada Ltd., Whitby Dylex Diversified, Rexdale

Economics Laboratory Ltd., Etobicoke Eddy Match Co. Ltd., Pembroke Ekco Canada Ltd., Scarborough Esco Ltd., Port Hope

Fab-Co Metals Ltd., Sarnia Fact Professional Photo Finishers (Canada) Ltd., Mississauga La Favorite Rubber Mfg. Co., Dundas Flamingo Pastries Ltd., Port Perry Fleetwood Cabinets Ltd., Dorchester Fleron Lumber Co. Ltd., Garden River Indian Reserve Flintkote Co. of Canada Ltd., The, Etobicoke Ford Motor Co. of Canada Ltd., Oakville Ford Motor Co. of Canada Ltd., Windsor Formosa Spring Brewery, A Division of Benson & Hedges (Canada) Ltd., Barrie Foseco Canada Ltd., Guelph Franklin Fence & Furniture Ltd., North Elmsley Twp. Fulton Manufacturing Ltd., St. Catharines

Gabriele Brothers, Cabinet Makers & Millwork, Windsor Gage Educational Publishing Ltd., Scarborough Galt-Brantford Malleable Iron Ltd... Brantford Galtex Co. Ltd., Galt Galt Metal Industries Ltd., Galt Gasboy of Canada Ltd., London Genbearco Ltd., Etobicoke General Foods Ltd., Cobourg General Motors of Canada Ltd., Diesel Division, London Gilbey Canada Ltd., Etobicoke Glendale Mobile Homes Ltd., Strathrov Globelite Batteries Canada Ltd., Scarborough Gorman-Rupp of Canada Ltd., St. Thomas Gosselin Lumber Co. Ltd., The, Calstock Grace Chemicals Ltd. (Cryovac Div.), Mississauga Granny's Tarts, Aurora Great Lakes Paper Co. Ltd., The. Thunder Bay Great West Timber Ltd., Thunder Bay Gustin-Kramer Co. of Canada Ltd., Weston

Hard Metals (Canada) Ltd., Clarkson Hastings Ltd., Scarborough Hathaway, C. F. (Canada) Ltd., Prescott Haves Dana Ltd., Thorold South Helfrich Laboratories of Canada Ltd., Scarborough Henderson Recreation, Oakland Hendrickson Mfg. (Canada) Ltd., Stratford Hildebrandt Iron Works, St. Catharines Hinterhoeller Ltd., Niagara-on-the-Lake Hinterland Handcrafts Ltd., Bancroft Hiram Walker & Sons Ltd., Windsor Holland Hitch of Canada Ltd., Woodstock Hollandia Bakeries Ltd., Mt. Brydges Holt, Rinehart & Winston of Canada Ltd., Toronto Hostess Food Products Ltd., Preston Hunt, Robert Millwork Corp., London Huyck Canada Ltd., Amprior

IBM Canada Ltd., Don Mills
Ilsco of Canada Ltd., Mississauga
Impact Tool and Mfg. Ltd., Brantford
Imperial Eastman Corp. (Canada) Ltd.,
Barrie
Imperial Oil Enterprises Ltd., Sarnia
Indall Products Ltd., Weston
Innes Wood Mfg. Ltd.,
Charlotteville Twp.
Instronics Ltd., Stittsville

International Cooperage Co. of Canada Ltd., Salter Twp. Inter Royal Corp. Ltd., Smith Falls Iroquois Chemicals Ltd., Cornwall

J. T. L. Machine Ltd., Port Colborne Jacuzzi Canada Ltd., Rexdale Jamot Lumber Co. Ltd., Mowat Twp. Jelinek Sports Ltd., Oakville Jespersen-Kay Systems Ltd., Whitchurch Twp. Jones Box & Label Co., London Jordan Wines Ltd., St. Catharines

K. K. Precision Parts Ltd., Downsview K. S. M. of Canada Ltd., Rexdale Kap Cement Ltd., Kapuskasing Kemp Products Ltd., London Kert Mfg. Co. Ltd., Weston Kevco Industries Ltd., Kitchener Kimberley-Clark of Canada Ltd., Huntsville King Calcium Products Ltd., Campbellville Kingston Spinners Ltd., Kingston Kitchens of Sara Lee (Canada) Ltd., Bramalea Klassen Bronze Ltd., New Hamburg Kodak Canada Ltd., Borough of York Kodak Canada Ltd., Chinquacousy Twp. Kohl & Madden Printing Ink Co. of Canada Ltd., Etobicoke Kraemer, Leo & Co. Ltd., Kitchener

Lac Seul Land & Lumber Co. Ltd.,
Hudson
Laidlaw Goodwood Industries Ltd.,
Weston
Lakewood Forest Products
(Eastern) Ltd., Tweed
Langen, H. J. & Sons Ltd., Rexdale
Leco Industries Ltd., Rexdale
LePage's Ltd., Bramalea
Lido Industrial Products Ltd., Etobicoke
Lincraft Ltd., Lindsay
Linread Canada Ltd., Guelph
Lorlea Enterprises Ltd., Bramalea
Lufkin Rule Co. of Canada Ltd., Barrie
Lunkenheimer Canada Ltd., North York

Malcolm Condensing Co. Ltd., South Dumfries Twp. Malmberg Auto Service Ltd., Nepean Twp. Mansfield-Denman General Co. Ltd., Barrie Marlette Homes of Canada Ltd., Stratford Marshall Industries Ltd., Rexdale Masterloy Products Ltd., Gloucester Twp. McGillivray, A., Chemicals Ltd., Paris Menard, J. R. Ltd., St. Isidore de Prescott Mercury Marine Ltd., Mississauga Metcalfe Foods of Canada Ltd... Deseronto Microsystems International Ltd., Ottawa-Carleton Mid-West Feed Ltd., Thunder Bay Modern Bakery (Windsor) Ltd., Windsor Modern Railings & Metalcraft Ltd., Markham Twp. Mohawk Industries, Division of P. V. McCarthy & Associates Ltd., Pickering Molson's Brewery (Ontario) Ltd., Toronto Monarch Fine Foods Co. Ltd., Etobicoke Monogram Sanitation Products Ltd., Burlington Montebello Metal Ltd., Hawkesbury Morgan Adhesives of Canada Ltd., Brampton Morval-Durofoam Ltd., Kitchener Mott Mfg. Ltd., Brantford

Nabisco Foods, Division of Nabisco Ltd., Bramalea Nash & Harrison Ltd., March Twp. Nashua Canada Ltd., Peterborough National Starch & Chemical (Canada) Ltd., Collingwood New Idea Sheet Metal Co. Ltd.. Thunder Bay Newport Metal Industries Co. Ltd., Thunder Bay Niagara Chemicals, Division of FMC Machinery & Chemical Ltd., Burlington Northern Pigment Co. Ltd., Etobicoke Northern Steel Products Ltd., Sault Ste. Marie Northern Tar, Chemical and Wood Ltd., Thunder Bay Northern Wood Preservers Ltd., Thunder Bay North West Hydraulics Ltd., Thunder Bay

Odonto Corp. Ltd., Morrisburg
Office Specialty Ltd., Holland Landing
Olsonite Co. Ltd., Windsor
Ontario Cabinet, Windsor
Ontario Drive & Gear Ltd.,
New Hamburg
Ontario Paper Co. Ltd., The,
Twp. of Thorold
Ontario Plastics Ltd., Rockwood
Otto & Bayne Ltd., Thunder Bay
Outboard Marine Corp. of Canada Ltd.,
North Bay
Ou Yang Boat Works Ltd., Whitby

Paletta Bros. Meat Products Ltd., Burlington

Paris Playground Equipment, Paris Park Avenue Wear Ltd., Elmira Parr Industries Ltd., Mississauga Pendell Boiler Ltd., Toronto Phillips Cables Ltd., Brockville Photo Engravers and Electrotypers Ltd., Rexdale Pineland Timber Co. Ltd., Espanola Pirelli Cables Ltd., Guelph Pitman Mfg. (Canada) Ltd., Scarborough Plastiglide Ltd., Downsview Polychemical Industries Ltd., Clarkson Polygon Industries Ltd., East York Pottery Supply House Ltd., The, Oakville Powell Foods Ltd., St. Catharines Powerlite Devices Ltd., Etobicoke Precisioneering Ltd., Scarborough Precision Rubber Products (Canada) Ltd., Orillia Produce Supply Ltd., Subsidiary of Hardee Farms Int. Ltd., Lambeth Professional Bowling Service Ltd., Richmond Hill Purolator Products (Canada) Ltd., Mississauga

Quaker Oats Co. of Canada Ltd., The, Trenton Quality Plastics Ltd., Oakville Quatic Chemicals, Guelph Queen City Bedding Co. Ltd., North York Quinlan-Crawford (1965) Ltd., Collingwood

R. L. K. Industries Ltd., North York Ralston, W. & Co. (Canada) Ltd., Bramalea Ram Partitions Ltd., Brampton Ratcliffs (Canada) Ltd., Richmond Hill Ready Wood Products Ltd., Lindsay Reeves Canada Ltd., Downsview Reflex Corp. of Canada Ltd., Amherstburg Reid Milling (1969) Ltd., Streetsville Renold Canada Ltd., Brantford Reuter-Stokes Canada Ltd., Preston Rexdale Plastics Ltd., Rexdale Richards-Wilcox of Canada Ltd., London Robson-Lang Leathers Ltd., Barrie Ronald's Federated, Richmond Hill Rorer, Wm. H. (Canada) Ltd., Bramalea Rothmans of Pall Mall Canada Ltd., North York Rowe Bros. & Co. (Canada) Ltd., Ajax Royce Enterprises Ltd., Orillia Rumble Equipment Ltd., Rexdale

Rust Craft Ltd., Scarborough

St. Williams Frozen Fruits Ltd., Simcoe Salada Foods Ltd., Etobicoke Sarnia Cabinets, Sarnia Schneider, J. M., Ltd., Kitchener Scintrex Ltd., Vaughan Scott Graphics Ltd., Etobicoke Sefer Ltd., Paris Sharp, I. P., Associates Ltd., Carleton Place Shaw, Francis (Canada) Ltd., Burlington Shell Canada Ltd., Sarnia Silverwood Industries Ltd., Toronto Simo Ltd., Waterloo Simpson, S. B., Ltd., Burlington Sklar Mfg. Ltd., Toronto Soper, Robert Ltd., Hamilton Southam Business Publications Ltd., Toronto Sparton of Canada Ltd., London Square D Co. Canada Ltd., Stratford Standard Tube Co. Ltd., Woodstock Steel Co. of Canada Ltd., Hamilton Steetly Industries Ltd., Hamilton Sterling Drug Ltd., Aurora Stor-Aid of Canada Ltd., Oakville Sun Tool & Stamping (1960) Ltd., Windsor Surpass Chemicals Ltd., Scarborough Sutherland-Schultz Ltd., Kitchener Sutton Tool & Die Ltd., Brantford

T. J. Welding & Fabricating,
Mount Albert
Tampa Hall Ltd., Kitchener
Tele-Radio Systems Ltd., Downsview
Thompson, W. G. & Sons Ltd., Mitchell
Thorne, W. J., Ltd., London
Timmins Auto Springs Ltd.,
Twp. of Mountjoy
Toga Mfg. Ltd., Windsor
Toronto Mill Stock Co. Ltd., Waterford
Tri-Canada Ltd., Mississauga
Trilake Timber Co. Ltd., Kenora
Tripp-Vogt-Trottier Associates Ltd.,
Tillsonburg
Tung-Sol of Canada Ltd., Bramalea

Union Carbide Canada Ltd., Oakville Union Carbide Canada Ltd., Sarnia United Co-operatives of Ontario, Glencoe United Extrusions, Orangeville United Flexible Tubing of Canada, Richmond Hill

Vulcan Industrial Packaging Ltd., Etobicoke

Wallace Murray Canada Ltd. (Simonds Canada Saw Co. Ltd.), Brockville Wallace-Murray Corp. (Schwitzer Division), Stratford Wallbank, P. J., Mfg. Co. Ltd., Blenheim Twp. Weldwood of Canada Ltd., Huntsville Weldwood of Canada Ltd., Windsor Weller Electric Canada Ltd., Barrie Western Foundry Co. Ltd., Wingham Westinghouse Canada Ltd., London Whitefield Meat Packers Ltd., Etobicoke Whitehall Laboratories Ltd., Mississauga Wilco Tubular Products Ltd., London Winchester-Western (Canada) Ltd., Cobourg Windsor Factory Supply Ltd., Windsor Windsor Star, The, Windsor Wonder Bread Ltd., London Wood, W. C., Co. Ltd., Guelph Wrap-O-Matic Machinery Co. Ltd., Toronto Wright, E. J., Central Ltd., Strathroy Wrought Iron Crafts Ltd., Mississauga Wyeth, John & Brother (Canada) Ltd.,

Zenith Radio Corp. of Canada Ltd., Etobicoke

industrial development technology missions 1971

Representatives from 63 Onlario companies took part in six missions to Denmark, Finland, France, Great Britain, Italy, Japan, Sweden, United States and Germany to study technological developments,

DENMARK,	GERMANY	AND	ITALY	MAY	10
Artage Inter	national (Di	visior	of		

Dylex Diversified) Toronto Craftline Industries Toronto Curvply Wood Products Orono Du Barry Furniture Limited Toronto Inter Continental Design Ltd. Scarborough Interiors International Ltd. Toronto John's Frame Shop Limited Toronto Leif Jacobsen Limited Willowdale Sebastian De Lorenzis Custom Furniture Limited Hespeler

FRANCE, SWEDEN AND ENGLAND **MAY 25**

Fleet Manufacturing Limited Fort Erie Fortin-Latchford Limited Scarborough IEC-Holden Ltd. Rexdale The H. I. Thompson Co. of Canada Ltd. Guelph Hoverproducts Ltd. Ottawa Sandtron Electronic Industries Ltd. Oakville Will-Hart Ltd. Scarborough

GERMANY AND ENGLAND SEPTEMBER 14

Anvil Plastics Limited London The Big "O" Drain Tile Company Ltd. Hensall Dominion Auto Accessories Ltd. Toronto Emco Limited (Emco Plastics Division) Brampton Furlong Plastics Ltd. Toronto Kemp Products Limited London Moldcraft Plastics Limited Guelph Moldex Limited Barrie Mold-Masters Limited Downsview Rahn Metals Limited North Bay Tilco Plastics Limited Peterborough

TOKYO, JAPAN SEPTEMBER 16

C-Tech Ltd. Cornwall Criterion Instruments Limited Don Mills Edmunde Newhall Associates Limited Rexdale Electrohome Limited Kitchener Instronics Limited Stittsville Leigh Instruments Limited Ottawa Microsystems International Limited Ottawa Neeco Industries Ltd. Rexdale Process-Instrument Systems Limited Rexdale R. H. Nichols Co. Limited Downsview

SAN FRANCISCO, CALIFORNIA

Aer-O-Flo Manufacturing Ltd. The Arthur S. Leitch Co. Limited The Bird-Archer Co. Limited Domestic Tank & Equipment Ltd.

OCTOBER 3

Hamilton Midland Cobourg Scarborough General Filtration and Engineering Ltd. Scarborough Greey Mixing Equipment Limited Toronto Hayward Gordon Ltd. Malton K. S. F. Chemical Processes Limited Galt Prochem Ltd. Brampton Pumps & Softeners Limited London W. Cockram & Company Limited Brantford

SWEDEN AND FINLAND

Wm. Milne & Sons Limited

OCTOBER 8 Pembroke Canada Veneers Limited Cochrane Enterprises Limited Cochrane Dubreuil Brothers Limited Dubreuilville G. W. Martin Lumber Ltd. Harcourt Gillies Bros. & Co. Ltd. Braeside Sturgeon Falls Goulard Lumber (1962) Limited J. E. Martel & Sons Lumber Limited Chapleau Levesque Plywood Limited Hearst Malette Lumber (1969) Ltd. Timmins Mutliply Plywoods Limited Nipigon New Ontario Dynamics Limited New Liskeard The Northern Engineering & Supply Co. Limited Thunder Bay Vicply Company Coboconk Russell Brothers Limited Owen Sound

North Bay



product prospecting missions

Product Prospecting Mission #7

MILAN AND HANNOVER

E. C. Hamlin

President

Dr. T. Walther Vice-President Bayly Engineering Ltd. Ajax

Dr. V. J. Parks General Manager M.T.C. Pharmaceuticals Ltd. Hamilton

K. R. Church Treasurer Orenda Ltd. Malton

Polygon Industries Ltd. Toronto J. V. Stanley President J. E. Rumball Ltd. Sudbury D. Kelln Vice-President Tri-Canada Fittings & Equipment Ltd. Toronto

K. J. Flemina President and General Manager Richardson, Bond & Wright Ltd. Owen Sound

H. Brune General Manager Hamilton Thermal Specialties Ltd. Hamilton

B. Nightingale President Nightingale Industries Ltd. Toronto

Product Prospecting Mission #8

BASEL, PARIS, UNITED KINGDOM

K. A. Stockton Vice-President Engineering Allanson Manufacturing Co. Ltd. Toronto

M. P. Kenny Vice-President Murphy Sheet Metal & Steel Fabricating Ltd. Galt

W. R. Elliott President W. R. Elliott Co. Ltd. Kitchener

J. W. Lawson President I.B.L. Industries Ltd. Burlington

D. E. Kert President Kert Manufacturing Co. Ltd. Weston

A. Reilingh President McInnis Equipment Limited Windsor 19

A. R. Neufeld President Can-Eng Manufacturing Ltd. Niagara Falls

H. E. Stark Vice-President Precisioneering Limited Scarborough

T. W. Barnes Product Manager Gilbarco Canada Limited Brockville

F. E. Tester Chief Engineer BLH Canada Ltd. Dundas

D. E. Filman Chief Sales Engineer Napanee Industries Ltd. Toronto



Product Prospecting Mission #9

OSLO, GOTHENBURG AND STOCKHOLM

D. R. Campbell Sales Stevens-Hepner Limited Port Elgin

G. J. Shully Executive Vice-President & General Manager Shully's Industries Limited Weston G. E. Irving Secretary-Treasurer Irving Steel Limited Galt

N. R. Crockford President The Valley City Mfg. Co. Ltd. Dundas

C. K. Williams President Valewood Products Company Ltd. Renfrew C. J. Larsen General Manager Larsen and Shaw Limited Walkerton

G. A. Bennett Vice-President & General Manager The Brantford Cordage Company Brantford

Product Prospecting Mission #10

TOKYO

G. H. Dickson Executive Vice-President Canada Packers Limited Toronto

L. S. Bonnycastle Vice-President
President Perfection Automo
Canadian Corporate Managemt. Ltd. (Windsor) Limited
Toronto Windsor 10

J. H. Lee Vice-President Investment John Labatt Limited London

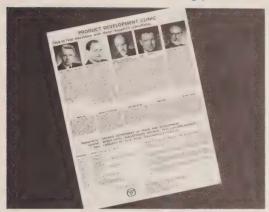
J. D. Aston Vice-President Perfection Automotive Products (Windsor) Limited Windsor 10 C. Fraser Vice-President Marketing Electronic Associates of Cda. Ltd. Willowdale

J. C. Bacon General Manager Sommerville Industries Limited Scarborough



product development clinics 1971

During the year 8 Product Development Clinics were held throughout the Province to assist manufacturers in their efforts to develop ways and means of lowering manufacturing costs, achieving better product performance, improving sales, and increasing profits.



BRAMPTON	FEBRUARY 9
Aircraft Appliances & Equipment Ltd	d. Bramalea
Canadian Velcro Ltd.	Bramalea
Colt Industries (Canada) Ltd.	Bramalea
Cresswell-Pomeroy Ltd.	Bramalea
Lipton, Thomas J., Limited	Bramalea
Lorlea Enterprises Limited	Bramalea
Merle Norman Cosmetics (Canada) L	td. Bramalea
Northern Electric Co. Limited	Bramalea
Swift Canadian Co. Limited	Bramalea
Thorco Manufacturing Limited	Bramalea
American Sterilizer Company	
of Canada, Limited	Brampton
Brampton Brick Limited	Brampton
Canadian Industries Limited	Brampton
Emco Plastics Division, Emco Limited	d Brampton
English Plastics Ltd.	Brampton
Mid-Mar Ltd.	Brampton
Precision Plastic Products Ltd.	Brampton
R. & M. Plastics Ltd.	Brampton
Rieke Canada Limited	Brampton
Liquid-Panelling Co.	Caledon
Finch Metal Fabricators Ltd.	Concord
Phoenix Blending Limited	Downsview
Barber Industries	Georgetown
Levers Engineering	Georgetown
Smith & Stone, Limited	Georgetown
Varian Associates of Canada Ltd.	Georgetown
Greening Donald Ltd.	Hamilton
Price Wilson Limited	Malton
Ashner Food Products Limited	Mississauga
Cardinal Meat Specialists Ltd.	Mississauga
Domtar Construction Materials Ltd.	Mississauga
Kyoda Plastics Limited	Mississauga
L & B Tool and Manufacturing Ltd.	Mississauga

Monteith, A. R., Limited Nye Welding Ltd. Panic Button Equipment &	Mississauga Mississauga
Consultants Ltd.	Mississauga
Stafford Holdings Limited Western Gypsum Limited	Mississauga
Anthes Equipment Limited	Mississauga Port Credit
Canadian Admiral Corporation, Limited	d Port Credit
Danfoss Mfg. Co. Ltd.	Port Credit
Nordic International Division	Port Credit
(Nordic Steel Products Limited)	
Canadian Chromalax Company	Rexdale
Dominion Sash Limited	Streetsville
Topper Artistic Products Ltd. Lenworth Metal Products	Toronto Woodbridge
Powlesland Engineering Limited	Woodbridge
BRANTFORD	APRIL 20
The Brantford Cordage Company	D
Division of Tancord Industries Ltd. Brantford Precision Ltd.	Brantford Brantford
Custom Fabricators Co.	Diamilord
Division of Brant Steel Prod. Ltd.	Brantford
Domtar Construction Materials Ltd.	Brantford
Dunmark Mfg. Co. Ltd.	Brantford
Hussman Food Store Equipment Limite	
Mott Manufacturing Ltd.	Brantford Brantford
Ruff Clarkson Steel Limited Sternson Limited	brantiord
Division of G. F. Sterne & Sons Ltd.	Brantford
Thiokol Fibres Canada Ltd.	Brantford
Worthington (Canada) Ltd.	Brantford
The Walker Press Ltd.	Paris
St. Williams Frozen Fruits Ltd.	Simcoe
V.N.G. Auto Parts Ltd. — Perfect Circle/Victor Div.	St. Thomas
Alda Instruments Ltd.	Toronto
Kelsey-Hayes Canada Ltd.	Windsor
Harvey Woods Ltd.	Woodstock
Kelsey-Hayes Canada Ltd.	Woodstock
Woodstock Division	Woodstock
La France Textiles Canada Ltd. Teledyne Canada Metal Products Ltd.	Woodstock
	MAY 11
COLLINGWOOD	Collingwood
Barton Distilling (Canada) Ltd.	Collingwood
Bennett Press Blue Mountain Pottery Division	301111911000
(The International Silver Co. of	
Canada Limited)	Collingwood
Blue Mountain Resorts Ltd.	Collingwood
Canadian Art China Limited	Collingwood
Canadian Shipbuilding &	Collingwood
Engineering Limited	

Collingwood Terminals Limited Erlis Enterprises Fuhre Construction Limited Georgian China Limited The Goodyear Tire & Rubber Co. of Canada Limited Harding Carpets Limited Kenburn Construction Limited L. O. F. Glass of Canada Limited McNulty Printing Co. National Starch Co. Photography Ltd. Quinlan — Crawford (1965) Ltd. Gravenhurst Plastics Limited Rubberset Company (Canada) Limited The Coombe Furniture Co. Ltd. Black Clawson-Kennedy Ltd. Fleming Folding Cartons Limited Keenan Industries Limited Patrick-Farmer Limited Canadian Tyler Refrigeration Ltd. West Bend of Canada Ltd. Huronia Building Products Limited Marlyn Superior Products Limited Monarch Tool & Die Co. Limited Welbeck Sawmill Ltd. D. Cooksey Woodoor Limited Royal Homes Ltd. Rowika Industries Limited Al Ratz Woodworking Shaw-Almex Industries Limited Temprite Industries Limited Vince's Bakery Teledyne Mining Products Co. Ltd.

KINGSTON

Stephens-Adamson Mfg. Co. of Canada Ltd. Cow & Gate (Canada) Limited Ideal Venders, Division of (Eddy Match Co. Ltd.) Cinema-Television Productions Dye and Chemical Co. of Canada Ltd. Free Piston Development Co. Ltd. MacLachlan Lumber Company (Kingston) Ltd. MacPherson, C. E., (1968) Limited Weller Electric Canada Ltd. Electrocraft of Canada Ltd. Proctor-Lewyt Division (SCM (Canada) Limited) Tweed Steel Works Eastern Limited

RENFREW

Danline Canada Ltd. Hastie & Dupuis Metal Stampings Collingwood Collingwood Collingwood Collingwood

Collingwood

Collingwood Collingwood Collingwood Collingwood Collingwood Collingwood Collingwood Gravenhurst Gravenhurst Kincardine Owen Sound Owen Sound Owen Sound Owen Sound Barrie Barrie Orillia Lindsav Laurel Durham Stayner Aurora Wingham Midland Neustadt Parry Sound Rexdale Creemore Thornbury

JUNE 8

Belleville Brockville

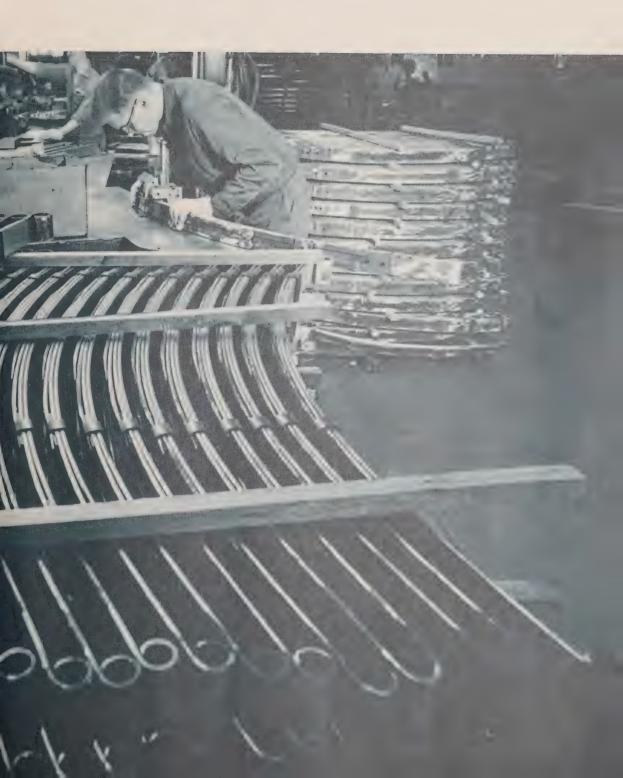
Desoronto Kingston Kingston Kingston

Kingston Kingston Kingston Newburgh

> Picton Tweed

JUNE 22
Almonte
Arnprior





Murray Bros. Lumber Company

(1969) Limited Kenden Industries Division	Barry's Bay
(Nevermar Wood Products Limited) Lubricus Metals Inc. Harry J. Searson Ltd.	Carleton Place Deep River Eganville
Snell Cedar Products	Eganville
D. D. Robert Playfair	Lanark
Weyerhaeuser Canada Limited Canadian Splint & Lumber Corporation, Limited	Mattawa
Code Felt Limited	Pembroke Perth
Franklin Fence & Furniture Limited	
Magline of Canada Limited	Renfrew
Polyfiber Limited	Renfrew
Renfrew Bottling Works Limited	Renfrew
Stewart Hartshorn Limited	Renfrew
Canadian 3-D Magnetic Sign Comp M. D. Snell & Son Ltd.	any Schutt Sharbot Lake
Stuart M. Douglas Limited	Smiths Falls
Wood-Mosaic (Canada)	Tweed
McRae Lumber Company Limited	Whitney
SUDBURY	SEPTEMBER 14
Canada Trap Co. Ltd.	Blind River
Truco Canada Ltd.	North Bay
Soo Foundry & Machine Co. Ltd.	Sault Ste. Marie
Dellelce-Rocheleau Limited	Sudbury
Jarvis Clark Company Limited Mi-Thel Plastics	Sudbury
Sudbury Memorial Works Ltd.	Sudbury Sudbury
Sudbury Steel Construction Ltd.	Sudbury
Wajax Equipment Limited	Sudbury
THUNDER BAY S	EPTEMBER 21
Strawberry Hill Pottery	Kaministikwia
Kakabeka Timber Ltd.	Kakabeka Falls
Multiply Plywoods Limited	Nipigon
Anderson Block & Tile Ltd. Centennial Plastics	Thunder Bay Thunder Bay
Go-Power Leisure Products Mfg. Ltd	. Thunder Bay
Great West Timber Limited	Thunder Bay
Industrial Grain Products Ltd.	Thunder Bay
Merrifield's Specialized Silk Screening	
Newport Metal Industries Ltd. Seven-Up Bottling (Lakehead) Ltd.	Thunder Bay
Smith & Walters Welding	Thunder Bay Thunder Bay
The Treasure House	Thunder Bay
STRATFORD	OCTOBER 19
Sherlock-Manning Piano Co. Ltd.	Clinton
Babcock & Wilcox Canada Ltd.	Galt
AMF Canada Limited	Guelph
Climate Control Division	
(John Van Dyke Ltd.)	Ingersoll
B. F. Goodrich Canada Limited General Spring Products Ltd.	Kitchener
J. C. Hallman Manufacturing Co. Ltd.	Kitchener Kitchener
Liu.	Kitchener

Schutte & Koerting Co. (Canada) Ltd. Kitchener W. R. Elliott Company Limited Kitchener Wm. Roberts Electric and Mechanical Ltd. Kitchener Keeprite Products Limited London Lawson & Jones Limited London Leigh Metal Products Ltd. London MacMillan Bloedel Limited Division (Laidlaw Lumber Co. Ltd.)
Grouse Hinds Co. of Canada Limited London Scarborough Complete Rent-alls Stratford Imperial Furniture Mfg. Co. Ltd. Stratford Prestonia Stationery Mfg. Ltd. Streamline Copper & Brass Ltd. Stratford Stratford Electronic Craftsmen Waterloo General Instrument of Canada Ltd. Waterloo



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Manager: R. Groves Chamber of Commerce Building 15 South Fifth Street, Room 1256 Minneapolis, Minn. 55402 Phone (612) 339-1800 BUSINESS DEVELOPMENT DIVISION P. A. York, P.Eng., Executive Director

Field Services Division — Ontario N. R. Radford, Co-ordinator

Field Services Division — International J. J. Graham, Co-ordinator

Trade Development Branch W. A. Fowler, Director

Industrial Development Branch R. M. Peebles, Director

Industrial and Marketing Studies Branch R. T. Cooper, Director

Agriculture and Food Branch (Ontario Food Council) W. H. Richardson, Director

Ontario Department of Lands and Forests Liaison Officer John Hall

FINANCE AND ADMINISTRATION DIVISION Mrs. Anne Cameron, Executive Director

SPECIAL PROJECTS
J. W. Ramsay, Executive Director

PERSONNEL BRANCH A. S. Clark, Director

WOMEN'S ADVISORY COMMITTEE Mrs. Lilah Lymburner, Chairman

INFORMATION SERVICES BRANCH F. T. Marshall, Director

ONTARIO ECONOMIC COUNCIL Dr. J. M. Gillies, Chairman

SHERIDAN PARK CORPORATION Dr. R. M. Dorland, President



Tops in Toronto: Focus on panels of three quarter inch float glass of Canadian Pittsburgh Industries Ltd. being unwrapped on the 54th (top) storey of the city's new Commerce Court West.

And under ground: More than 548,000 passengers travel the Toronto subway on the average weekday. The last phase of the 5.54 mile Yonge subway northern extension is now under way. Made-in-Ontario subway cars, 76 in all, have been purchased for the extension and to meet additional service demands on existing lines.











